

**CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT
STUDENT DATA PRIVACY AGREEMENT
VERSION (2018)**

This Student Data Privacy Agreement (“DPA”) is entered into by and between the Cypress-Fairbanks Independent School District (hereinafter referred to as “CFISD” or “the District”) and PowerSchool Group LLC (hereinafter referred to as “Provider”) on 4/11/18 The Parties agree to the terms as stated herein.

RECITALS

WHEREAS, the Provider has agreed to provide CFISD with certain digital educational services (“Services”) pursuant to a contract dated 4/11/18 (“Service Agreement”); and

WHEREAS, in order to provide the Services described in the Service Agreement, the Provider may receive or create and the District may provide documents or data that are covered by several federal statutes, among them, the Federal Educational and Privacy Rights Act (“FERPA”) at 20 U.S.C. 1232g, Children’s Online Privacy Protection Act (“COPPA”), 15 U.S.C. 6501-6502; Protection of Pupil Rights Amendment (“PPRA”) 20 U.S.C. 1232g; and

WHEREAS, the documents and data transferred from CFISD and created by the Provider’s Services are also subject to state privacy laws, including Subchapter D of Chapter 32 of the Texas Education Code; and

WHEREAS, the Parties wish to enter into this DPA to ensure that the Service Agreement conforms to the requirements of the privacy laws referred to above and to establish implementing procedures and duties.

NOW THEREFORE, for good and valuable consideration, the parties agree as follows:

ARTICLE I: PURPOSE AND SCOPE

1. **Purpose of DPA.** The purpose of this DPA is to describe the duties and responsibilities to protect student data transmitted to Provider from the District pursuant to the Service Agreement, including compliance with all applicable state privacy statutes, including the FERPA, PPRA, COPPA, 603 C.M.R. 23.00, and Chapter 32 of the Texas Education Code. In performing these services, the Provider shall be considered a School Official with a legitimate educational interest, and performing services otherwise provided by the District. Provider shall be under the direct control and supervision of the District.
2. **Nature of Services Provided.** The Provider has agreed to provide the following digital educational services described below and as may be further outlined in Exhibit “A” hereto:

3. **Student Data to Be Provided.** In order to perform the Services described in the Service Agreement, CFISD shall provide the categories of data described below or as indicated in the Schedule of Data, attached hereto as Exhibit “B”:

Insert Categories of Student Data to be Provided to the Provider.

4. **DPA Definitions.** The definition of terms used in this DPA is found in Exhibit “C”. In the event of a conflict, definitions used in this DPA shall prevail over term used in the Service Agreement.

ARTICLE II: DATA OWNERSHIP AND AUTHORIZED ACCESS

1. **Student Data Property of** CFISD. All Student Data or any other Pupil Records transmitted to the Provider pursuant to the Service Agreement is and will continue to be the property of and under the control of the District. The Provider further acknowledges and agrees that all copies of such Student Data or any other Pupil Records transmitted to the Provider, including any modifications or additions or any portion thereof from any source, are subject to the provisions of this Agreement in the same manner as the original Student Data or Pupil Records. The Parties agree that as between them, all rights, including all intellectual property rights in and to Student Data or any other Pupil Records contemplated per the Service Agreement shall remain the exclusive property of the District. For the purposes of FERPA, the Provider shall be considered a School Official, under the control and direction of the District as it pertains to the use of student data notwithstanding the above. Provider may transfer pupil-generated content to a separate account, according to the procedures set forth below.
2. **Parent Access.** CFISD shall establish reasonable procedures by which a parent, legal guardian, or eligible student may review personally identifiable information on the pupil’s records, correct erroneous information, and procedures for the transfer of pupil-generated content to a personal account, consistent with the functionality of services. Provider shall respond in a reasonably timely manner to the District’s request for personally identifiable information in a pupil’s records held by the Provider to view or correct as necessary. In the event that a parent of a pupil or other individual contacts the Provider to review any of the Pupil Records of Student Data accessed pursuant to the Services, the Provider shall refer the parent or individual to the District, who will follow the necessary and proper procedures regarding the requested information.
3. **Separate Account.** Provider shall, at the request of the District, transfer Student Generated Content to a separate student account **if such accounts are available for the applicable PowerSchool product or service.**
4. **Third Party Request.** Should a Third Party, including law enforcement and government entities, contact Provider with a request for data held by the Provider pursuant to the Services, the Provider shall redirect the Third Party to request the data directly from the District. Provider shall notify the District in advance of a compelled disclosure to a Third Party unless legally prohibited. The Provider will not use, disclose, compile, transfer, sell the Student Data and/or

any portion thereof to any third party or other entity or allow any other third party or other entity to use, disclose, compile, transfer or sell the Student Data and/or any portion thereof.

5. **No Unauthorized Use.** Provider shall not use Student Data or information in a Pupil Record for any purpose other than as explicitly specified in the Service Agreement.
6. **Subprocessors.** Provider shall enter into written agreements with all Subprocessors performing functions pursuant to the Service Agreement, whereby the Subprocessors agree protect Student Data in manner consistent with the terms of this DPA.

ARTICLE III: DUTIES OF CFISD

1. **Provide Data in Compliance with FERPA.** CFISD shall provide data for the purposes of the Service Agreement in compliance with the FERPA, PPRA, 603 C.M.R. 23.00 and Chapter 32 of the Texas Education Code and any other privacy statutes quoted in this DPA.
2. **Reasonable Precautions.** CFISD shall take reasonable precautions to secure usernames, passwords, and any other means of gaining access to the services and hosted data.
3. **Unauthorized Access Notification.** CFISD shall notify Provider promptly of any known or suspected unauthorized access. CFISD will assist Provider in any efforts by Provider to investigate and respond to any unauthorized access.

ARTICLE IV: DUTIES OF PROVIDER

- I. **Privacy Compliance.** The Provider shall comply with all Texas and Federal laws and regulations pertaining to data privacy and security, including FERPA, COPPA, PPRA, 603 C.M.R. 23.00 and Chapter 32 of the Texas Education Code.
- II. **Authorized Use.** The ~~Student Data data~~ shared pursuant to the Service Agreement, including persistent unique identifiers, shall be used for no purpose other than the Services stated in the Service Agreement and/or otherwise authorized under the statutes referred to in subsection (1), above. Provider also acknowledges and agrees that it shall not make any re-disclosure of any Student Data or any portion thereof, including without limitation, any student data, meta data, user content or other non-public information and/or personally identifiable information contained in the Student Data, without the express written consent of the District.
- III. **Employee Obligation.** Provider shall require all employees and agents who have access to Student Data to comply with all applicable provisions of this DPA with respect to the data shared under the Service Agreement. Provider agrees to require and maintain an appropriate

confidentiality agreement from each employee or agent with access to Student Data pursuant to the Service Agreement.

4. **No Disclosure.** De-identified information may be used by the Provider for the purposes of development, research, and improvement of educational sites, services, or applications, as any other member of the public or party would be able to use de-identified data pursuant to 34 CFR 99.31(b). Provider agrees not to attempt to re-identify de-identified Student Data and not to transfer de-identified Student Data to any party unless (a) that party agrees in writing not to attempt re-identification, and (b) prior written notice has been given to CFISD who has provided prior written consent for such transfer. Provider shall not copy, reproduce or transmit any data obtained under the Service Agreement and/or any portion thereof, except as necessary to fulfill the Service Agreement.

5. **Disposition of Data.** Provider shall dispose or delete all personally identifiable data obtained under the Service Agreement when it is no longer needed for the purpose for which it was obtained and transfer said data to CFISD or CFISD's designee within sixty (60) days of the date of termination and according to a schedule and procedure as the Parties may reasonably agree. Nothing in the Service Agreement authorizes Provider to maintain personally identifiable data obtained under the Service Agreement beyond the time period reasonably needed to complete the disposition. Disposition shall include (1) the shredding of any hard copies of any Pupil Records; (2) Erasing; or (3) Otherwise modifying the personal information in those records to make it unreadable or indecipherable. Provider shall provide written notification to CFISD when the Data has been disposed. The duty to dispose of Student Data shall not extend to data that has been de-identified or placed in a separate Student account, pursuant to the other terms of the DPA. The District may employ a "Request for Return or Deletion of Student Data" FORM, A Copy of which is attached hereto as Exhibit "D". Upon receipt of a request from the District, the Provider will immediately provide the District with any specified portion of the Student Data within three (3) calendar days of receipt of said request.

6. **Advertising Prohibition.** Provider is prohibited from using Student Data to (a) market or advertise to students or families/guardians; (b) inform, influence, or enable marketing, advertising, or other commercial efforts by a Provider; (c) develop a profile of a student, family member/guardian or group, for any commercial purpose other than providing the Service to Client; or (d) use the Student Data for the development of commercial products or services, other than as necessary to provide the Service to Client.

ARTICLE V: DATA PROVISIONS

1. **Data Security.** The Provider agrees to abide by and maintain adequate data security measures, consistent with industry standards and technology best practices, to protect Student Data from unauthorized disclosure or acquisition by an unauthorized person. The general security duties of

Provider are set forth below. Provider may further detail its security programs and measures in Exhibit "E" hereto. These measures shall include, but are not limited to:

- a. **Passwords and Employee Access.** Provider shall secure usernames, passwords, and any other means of gaining access to the Services or to Student Data, at a level suggested by Article 4.3 of NIST 800-63-3. Provider shall only provide access to Student Data to employees or contractors that are performing the Services. Employees with access to Student Data shall have signed confidentiality agreements regarding said Student Data. All employees with access to Student Records shall pass criminal background checks.
- b. **Destruction of Data.** Provider shall destroy or delete all personally identifiable data obtained under the Service Agreement when it is no longer needed for the purpose for which it was obtained or transfer said data to CFISD or CFISD's designee, according to a schedule and procedure as the parties may reasonable agree. Nothing in the Service Agreement authorizes Provider to maintain personally identifiable data beyond the time period reasonably needed to complete the disposition.
- c. **Security Protocols.** Both parties agree to maintain security protocols that meet industry best practices in the transfer or transmission of any data, including ensuring that data may only be viewed or accessed by parties legally allowed to do so. Provider shall maintain all data obtained or generated pursuant to the Service Agreement in a secure computer environment and not copy, reproduce, or transmit data obtained pursuant to the Service Agreement, except as necessary to fulfill the purpose of data requests by CFISD.
- d. **Employee Training.** The Provider shall provide periodic security training to those of its employees who operate or have access to the system. Further, Provider shall provide CFISD with contact information of an employee who the District may contact if there are any security concerns or questions.
- e. **Security Technology.** When the service is accessed using a supported web browser, Secure Socket Layer ("SSL"), or equivalent technology shall be employed to protect data from unauthorized access. The service security measures shall include server authentication and data encryption. Provider shall host data pursuant to the Service Agreement in an environment using a firewall that is periodically updated according to industry standards.
- f. **Security Coordinator.** Provider shall provide the name and contact information of Provider's Security Coordinator for the Student Data received pursuant to the Service Agreement.
- g. **Subprocessors Bound.** Provider shall enter into written agreements whereby Subprocessors agree to secure and protect Student Data in a manner consistent with the terms of this Article V. Provider shall periodically conduct or review compliance monitoring and assessments of Subprocessors to determine their compliance with this Article.
- h. **Periodic Risk Assessment.** Provider further acknowledges and agrees to conduct periodic risk assessments and remediate any identified security and privacy vulnerabilities in a timely manner.

- ii. Advice on steps that the person whose information has been breached may take to protect himself or herself.
- d. Provider agrees to adhere to all requirements in the Identity Theft Enforcement and Protection Act, Chapter 521 of the Texas Business & Commerce Code and in federal law with respect to a data breach related to the Student Data, including, when appropriate or required, the required responsibilities and procedures for notification and mitigation of any such data breach.
- e. Provider further acknowledges and agrees to have a written incident response plan that reflects best practices and is consistent with industry standards and federal and state law for responding to a data breach, breach of security, privacy incident or unauthorized acquisition or use of Student Data or any portion thereof, including personally identifiable information and agrees to provide CFISD, upon request, with a copy of said written incident response plan.
- f. At the request and with the assistance of the District, Provider shall notify the affected parent, legal guardian or eligible pupil of the unauthorized access, which shall include the information listed in subsections (b) and (c), above.

ARTICLE VI: MISCELLANEOUS

1. **Term.** The Provider shall be bound by this DPA for the duration of the Service Agreement or so long as the Provider maintains any Student Data. Notwithstanding the foregoing, Provider agrees to be bound by the terms and obligations of this DPA for no less than three (3) years from the date of execution.
2. **Termination.** In the event that either party seeks to terminate this DPA, they may do so by mutual written consent so long as the Service Agreement has lapsed or has been terminated.
3. **Effect of Termination Survival.** If the Service Agreement is terminated, the Provider shall destroy all of CFISD's data pursuant to Article V, section 1(b).
4. **Priority of Agreements.** This DPA shall govern the treatment of student records in order to comply with the privacy protections, including those found in FERPA and 603 C.M.R. 23.00 and Chapter 32 of the Texas Education Code. In the event there is conflict between the terms of the DPA and the Service Agreement, or with any other bid/RFP, license agreement, or writing, the terms of this DPA shall apply and take precedence. Except as described in this paragraph herein, all other provisions of the Service Agreement shall remain in effect.
5. **Notice.** All notices or other communication required or permitted to be given hereunder must be in writing and given by personal delivery, facsimile or e-mail transmission (if contact information is provided for the specific mode of delivery), or first class mail, postage prepaid,

sent to the designated representatives before:

The designated representative for the Provider for this Agreement is:

Jeff Lambert, Chief Legal Officer
150 Parkshore Drive, Folsom, CA 95630

The designated representative for CFISD for this Agreement is:

6. **Entire Agreement.** This DPA constitutes the entire agreement of the parties relating to the subject matter hereof and supersedes all prior communications, representations, or agreements, oral or written, by the parties relating thereto. This DPA may be amended and the observance of any provision of this DPA may be waived (either generally or in any particular instance and either retroactively or prospectively) only with the signed written consent of both parties. Neither failure nor delay on the part of any party in exercising any right, power, or privilege hereunder shall operate as a waiver of such right, nor shall any single or partial exercise of any such right, power, or privilege preclude any further exercise thereof or the exercise of any other right, power, or privilege.

7. **Severability.** Any provision of this DPA that is prohibited or unenforceable in Texas shall be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions of this DPA. Notwithstanding the foregoing, if such provision could be more narrowly drawn so as not to be prohibited or unenforceable in such jurisdiction while, at the same time, maintaining the intent of the parties, it shall, as to such jurisdiction, be so narrowly drawn without invalidating the remaining provisions of this DPA or affecting the validity or enforceability of such provision in any other jurisdiction.

8. **Governing Law; Venue and Jurisdiction.** THIS DPA WILL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS, WITHOUT REGARD TO CONFLICTS OF LAW PRINCIPLES. EACH PARTY CONSENTS AND SUBMITS TO THE SOLE AND EXCLUSIVE JURISDICTION TO THE STATE AND FEDERAL COURTS FOR HARRIS COUNTY, TEXAS FOR ANY DISPUTE ARISING OUT OF OR RELATING TO THIS SERVICE AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY.

9. **Authority.** Provider represents that it is authorized to bind to the terms of this Agreement, including confidentiality and destruction of Student Data and any portion thereof contained therein, all related or associated institutions, individuals, employees or contractors who may have access to the Student Data and/or any portion thereof, or may own, lease or control equipment or facilities of any kind where the Student Data and portion thereof stored, maintained or used in any way.
10. **Waiver.** No delay or omission of the District to exercise any right hereunder shall be construed as a waiver of any such right and the District reserves the right to exercise any such right from time to time, as often as may be deemed expedient.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties have executed this Student Data Privacy Agreement as of the last day noted below.

Cypress-Fairbanks Independent School District

By: Marki Jacke
CTO

4.11.2018

PowerSchool Group LLC
By: Mark Oldemeyer
Mark Oldemeyer
CFO

4/11/2018

EXHIBIT "A"

DESCRIPTION OF SERVICES

INSERT DETAILED DESCRIPTION OF SERVICES HERE.

EXHIBIT "B"
SCHEDULE OF DATA

| Category of Data | Elements | Check if used by your system |
|-------------------------------------|--|------------------------------|
| Application Technology Meta Data | IP Addresses of users, Use of cookies etc. | |
| | Other application technology meta data-Please specify: | |
| Application Use Statistics | Meta data on user interaction with application | ✓ |
| Assessment | Standardized test scores | ✓ |
| | Observation data | ✓ |
| | Other assessment data-Please specify: | |
| Attendance | Student school (daily) attendance data | ✓ |
| | Student class attendance data | ✓ |
| Communications | Online communications that are captured (emails, blog entries) | ✓ |
| Conduct | Conduct or behavioral data | ✓ |
| Demographics | Date of Birth | ✓ |
| | Place of Birth | ✓ |
| | Gender | ✓ |
| | Ethnicity or race | ✓ |
| | Language information (native, preferred or primary language spoken by student) | ✓ |
| | Other demographic information-Please specify: | |
| Enrollment | Student school enrollment | ✓ |
| | Student grade level | ✓ |
| | Homeroom | ✓ |
| | Guidance counselor | ✓ |
| | Specific curriculum programs | ✓ |
| | Year of graduation | ✓ |
| Parent/Guardian Contact Information | Address | ✓ |
| | Email | ✓ |
| | Phone | ✓ |
| Parent/Guardian ID | Parent ID number (created to link parents to students) | ✓ |
| Parent/Guardian Name | First and/or Last | ✓ |

| Category of Data | Elements | Check if used by your system |
|-----------------------------|--|------------------------------|
| Schedule | Student scheduled courses | ✓ |
| | Teacher names | ✓ |
| Special Indicator | English language learner information | ✓ |
| | Low income status | ✓ |
| | Medical alerts | ✓ |
| | Student disability information | ✓ |
| | Specialized education services (IEP or 504) | ✓ |
| | Living situations (homeless/foster care) | ✓ |
| | Other indicator information-Please specify: | |
| Category of Data | Elements | Check if used by your system |
| Student Contact Information | Address | ✓ |
| | Email | ✓ |
| | Phone | ✓ |
| Student Identifiers | CFISD ID number | ✓ |
| | State ID number (So we have this?) | ✓ |
| | Vendor/App assigned student ID number | ✓ |
| | Student app username | ✓ |
| | Student app passwords | ✓ |
| Student Name | First and/or Last | ✓ |
| Student In App Performance | Program/application performance (typing program-student types 60 wpm, reading program-student reads below grade level) | ✓ |
| Student Program Membership | Academic or extracurricular activities a student may belong to or participate in | ✓ |
| Student Survey Responses | Student responses to surveys or questionnaires | ✓ |
| Student work | Student generated content; writing, pictures etc. | ✓ |
| | Other student work data - Please specify: | |
| Transcript | Student course grades | ✓ |
| | Student course data | ✓ |

| Category of Data | Elements | Check if used by your system |
|------------------|--|------------------------------|
| | Student course grades/performance scores | ✓ |
| | Other transcript data -Please specify: | |
| Transportation | Student bus assignment | ✓ |
| | Student pick up and/or drop off location | ✓ |

| Category of Data | Elements | Check if used by your system |
|------------------|--|------------------------------|
| | Student bus card ID number | ✓ |
| | Other transportation data - Please specify: <i>RFID</i> | ✓ |
| | | |
| Other | Please list each additional data element used, stored or collected by your application | |

EXHIBIT “C”

DEFINITIONS

De-Identifiable Information (DII): De-Identification refers to the process by which the Vendor removes or obscures any Personally Identifiable Information (“PII”) from student records in a way that removes or minimizes the risk of disclosure of the identity of the individual and information about them.

NIST 800-63-3: Draft National Institute of Standards and Technology (“NIST”) Special Publication 800-63-3 Digital Authentication Guideline.

Personally Identifiable Information (PII): The terms “Personally Identifiable Information” or “PII” shall include, but are not limited to, student data, metadata, and user or pupil-generated content obtained by reason of the use of Provider’s software, website, service, or app, including mobile apps, whether gathered by Provider or provided by CFISD or its users, students, or students’ parents/guardians. PII includes, without limitation, at least the following:

| | |
|---------------------------|-----------------------------|
| First and Last Name | Home Address |
| Telephone Number | Email Address |
| Discipline Records | Test Results |
| Special Education Data | Juvenile Dependency Records |
| Grades | Evaluations |
| Criminal Records | Medical Records |
| Health Records | Social Security Number |
| Biometric Information | Disabilities |
| Socioeconomic Information | Food Purchases |
| Political Affiliations | Religious Information |
| Text Messages | Documents |
| Student Identifiers | Search Activity |
| Photos | Voice Recordings |
| Videos | |

General Categories:

Indirect Identifiers: Any information that, either alone or in aggregate, would allow a reasonable person to be able to identify a student to a reasonable certainty

Information in the Student’s Educational Record

Information in the Student’s Email

Provider: For purposes of the Service Agreement, the term “Provider” means provider of digital educational software or services, including cloud-based services, for the digital storage, management, and retrieval of pupil records.

Pupil Generated Content: The term “pupil-generated content” means materials or content created by a pupil during and for the purpose of education including, but not limited to, essays, research reports, portfolios, creative writing, music or other audio files, photographs, videos, and account information that enables ongoing ownership of pupil content.

Pupil Records: Means both of the following: (1) Any information that directly relates to a pupil that is maintained by CFISD and (2) any information acquired directly from the pupil through the use of instructional software or applications assigned to the pupil by a teacher or other District employee.

Service Agreement: Refers to the Contract or Purchase Order to which this DPA supplements and modifies.

School Official: For the purposes of this Agreement and pursuant to 34 CFR 99.31 (B), a School Official is a contractor that: (1) Performs an institutional service or function for which the agency or institution would otherwise use employees; (2) Is under the direct control of the agency or institution with respect to the use and maintenance of education records; and (3) Is subject to 34 CFR 99.33(a) governing the use and re-disclosure of personally identifiable information from student records.

Student Data: Student Data includes any data, whether gathered by Provider or provided by CFISD or its users, students, or students' parents/guardians, that is descriptive of the student including, but not limited to, information in the student's educational record or email, first and last name, home address, telephone number, email address, or other information allowing online contact, discipline records, videos, test results, special education data, juvenile dependency records, grades, evaluations, criminal records, medical records, health records, social security numbers, biometric information, disabilities, socioeconomic information, food purchases, political affiliations, religious information text messages, documents, student identifies, search activity, photos, voice recordings or geolocation information. Student Data shall constitute Pupil Records for the purposes of this Agreement, and for the purposes of Texas and Federal laws and regulations. Student Data as specified in Exhibit B is confirmed to be collected or processed by the Provider pursuant to the Services. Student Data shall not constitute that information that has been anonymized or de-identified, or anonymous usage data regarding a student's use of Provider's services.

Subprocessor: For the purposes of this Agreement, the term "Subprocessor" (sometimes referred to as the "Subcontractor") means a party other than CFISD or Provider, who Provider uses for data collection, analytics, storage, or other service to operate and/or improve its software, and who has access to PII.

Targeted Advertising: Targeted advertising means presenting an advertisement to a student where the selection of the advertisement is based on student information, student records or student generated content or inferred over time from the usage of the Provider's website, online service or mobile application by such student or the retention of such student's online activities or requests over time.

Third Party: The term "Third Party" means a provider of digital educational software or services, including cloud-based services, for the digital storage, management, and retrieval of pupil records. However, for the purpose of this Agreement, the term "Third Party" when used to indicate the provider of digital educational software or services is replaced by the term "Provider."

EXHIBIT "D"

DIRECTIVE FOR DISPOSITION OF DATA

Cypress-Fairbanks ISD directs _____ to dispose of data obtained by Company pursuant to the terms of the Service Agreement between CFISD and Company. The terms of the Disposition are set forth below:

1. Extent of Disposition

___ Disposition is partial. The categories of data to be disposed of are set forth below or are found in an attachment to this Directive:

___ Disposition is Complete. Disposition extends to all categories of data.

2. Nature of Disposition

___ Disposition shall be by destruction or deletion of data.

___ Disposition shall be by a transfer of data. The data shall be transferred to the following site as follows:

3. Timing of Disposition

Data shall be disposed of by the following date:

___ As soon as commercially practicable

___ By _____

4. Signature

Authorized Representative of CFISD

Date

5. Verification of Disposition of Data

Authorized Representative of Company

Date

EXHIBIT "E" DATA SECURITY REQUIREMENTS

[INSERT ADDITIONAL DATA SECURITY REQUIREMENTS HERE]