

Team No. 10 Initial Project Description

Team Members:
Bisher Anadani
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Project Name

Individualized Education Tracker

Project Synopsis

Custom web form maker that allows teachers to create and customize data collection forms for the purpose of tracking Individual Education Plans.

Project Description

This project is being undertaken at the behest of a special education teacher in the Lawrence school district. The goal is to provide special education teachers with the means of collecting data for Individual Education Plans across multiple platforms and users. With their current resources, the teachers have to do all of the data collection with pen and paper and then store and collate the data sheets for later processing. Some have tried to use google forms for this data collection but it has not been flexible enough for their needs.

The end result will be to provide a custom form maker web application that will allow teachers to build custom data collection forms that will fit the varying needs of each child's Individual Education Plan. This will also require individual accounts and login and the ability to share forms between accounts so that whichever school personnel is assigned to the data collection will have access to the form. The project will also include a back-end database and service to store the form data for later retrieval and use. If there is time and sufficient data, we also plan to implement a means of manipulating, analyzing, and displaying the gathered data for tracking trends.

Project Milestones

First Semester:

1. Gather front-end and back-end requirements: 10/21
2. Map out user-interface: 11/2
3. Define and implement database tables and fields: 11/23

Second Semester:

1. Finish implementation of user interface: 1/11
2. Finish service endpoints and connect to front end: 2/15
3. Finish unit testing and validations: 4/5

Project Budget

- Storage database
 - \$0 - 10/month
 - Airtable

Work Plan

- Vivek Tallavajhala - BackEnd Developer
- Bisher Anadani - BackEnd Developer
- Kaiser Mittenburg - FrontEnd Developer
- Johnathon Bliss - FrontEnd Developer
- Kevin Ray - Full Stack Developer