



Web Portal - Creation of Student Education Plan

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Overview

This project involves developing a customizable web-based form where teachers can input student academic information and export it into an editable Google Doc. The solution will integrate with the Google Docs API to automatically generate documents based on the form input, ensuring flexibility and customization for various educational needs (individualized education plans).

Key Features

1. Customizable Web-Based Form
 - a. Teachers will input Student Education Plan details (as per the document shared with SDI).
https://docs.google.com/document/d/1mG5jK3Ize_L_OtTMBMolOvN65qYZWQJtUIHRuC2jW0k/edit?tab=t.0
<https://docs.google.com/document/d/1BOKvgRL3rL6w7NDb1hbijPValSndDxxE9fR9hoS61jY/edit?tab=t.0>
 - b. Form Customization:
 - i. Administrators will have the ability to modify the predefined form template.
2. Google Docs API Integration
 - a. Dynamic Document Generation:
 - i. After submitting the form, a Google Doc will be generated with the student's data.
 - ii. Each student will have a separate Google Doc with their academic details.
 - b. Editable Google Docs Output
 - i. The generated Google Docs can be editable so teachers can make any final changes.

- ii. Documents will be saved in Google Drive with an option to share directly via Google Drive.
 - c. Document Sharing:
 - i. Teachers can share the Google Doc with specific individuals or groups (e.g., administrators, parents).
 - ii. Permissions can be adjusted (view/comment/edit) using Google Drive's built-in sharing options.
3. User Roles and Permissions
- a. Teacher
 - i. Can input student data into the customizable web form.
 - ii. Can generate and edit Google Docs from the form submission.
 - iii. Can share generated documents via Google Drive with customizable permissions.
 - b. Administrator
 - i. Can modify the predefined form template.
 - c. Parent/Student
 - i. Can receive view-only or comment-only access to generated documents.
4. Tech Stack
- a. Frontend:
 - i. Technology: HTML, CSS, JavaScript (React/Angular.js)
 - b. Backend:
 - i. Technology: Node.js
 - c. Google Docs and Drive API Integration:
 - i. Docs API:
 - 1. Generate documents with data from the form.
 - 2. Preload predefined templates and insert data into them.
 - ii. Drive API:
 - 1. Save the generated Google Docs in the Google Drive.
 - 2. Manage permissions for document sharing
 - d. Database:
 - i. Technology: Firebase

Investment cost & delivery timelines

Project cost - \$7500

Delivery timelines - 8 weeks

Payment Terms

- 50% upfront upon contract submission
- 50% on project completion before launch

All deliveries are covered by a 6 months debugging warranty after delivery.

You will have a dedicated Project manager here in our Silicon valley office as the primary contact and he will ensure that the project starts and completes as scheduled.

All of the project Source codes will be handed over to the client on project completion. Client will be the sole and exclusive owner of the software solution and all the IP on project completion and payment of all agreed Invoices to SDI.

Regards,

Sachin Nayak

Sakshi Sharma