Project Proposal: Email Processing and Roster Management System

**Project Overview:**

The goal of this project is to develop a JavaScript program using Google Scripts to efficiently manage emails from course purchasing customers. The program will read and write emails in a delegated email account while also adding relevant information to rosters stored in Google Drive.

**Project Scope:**

* Email Processing:
* Design and implement a script to read emails from the delegated email account.
* Extract relevant information such as customer details, course information, and purchase confirmation.
* Roster Management:
* Develop functionality to create and update rosters on Google Drive based on the extracted information.
* Ensure that the rosters are organized and easily accessible.
* User Interface (Optional):
* Possible implementation of a user-friendly interface to facilitate ease of use for non-technical users.

**Project Timeline:**

The project is set to be completed over a 15-week period, broken down as follows:

* Weeks 1-3: Project Planning
* Define detailed project requirements and specifications.
* Create a comprehensive project plan outlining tasks, milestones, and deadlines.
* Weeks 4-6: Email Processing Script
* Develop and test the script responsible for reading and processing emails.
* Weeks 7-9: Roster Management Script
* Implement the script for roster creation and updating in Google Drive.
* Weeks 10-12: Integration and Testing
* Integrate the email processing and roster management scripts.
* Conduct thorough testing to identify and address any issues.
* Weeks 13-15: Documentation and Presentation
* Document the project, including code documentation and user guides.
* Prepare a presentation showcasing the project's features, functionality, and benefits.

**Project Resources:**

* Personnel:
* I, Shelby Womack, will be the primary developer and thus will be responsible for the project.
* Collaboration with the professor or a tutor may be sought if additional expertise is required.
* Tools:
* Google Scripts for scripting functionality.
* Google Drive for roster storage.
* Project Deliverables:
* Completed JavaScript program with email processing and roster management functionality.
* Comprehensive project documentation, including code documentation and user guides.
* Presentation materials for the project showcase.

**Project Risks:**

* Technical Challenges:
* I should anticipate potential challenges with email API integration and Google Drive scripting. Plan for troubleshooting and debugging.
* Resource Constraints:
* I shall address the possibility of limited external support. Plan accordingly to manage the project effectively.

**Conclusion:**

Thie idea is to streamline the management of course purchasing emails and rosters through an efficient JavaScript program. The outlined timeline and deliverables should provide a structured approach to achieving the project goals.

If you have any questions or would like to discuss specific aspects further, please feel free to reach out.

Best regards,

Shelby Womack