

Individual Contributions and Project Management

Programming Pioneers: Easy Plots

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Breakdown of Individual Contributions:

All team members contributed equally to this report.

Member	% Contribution	Contribution
Vincent Mays	25	Oversaw implementation of building plots; Oversaw general application organization and management
Tai Britt	25	Oversaw user interface and page designs
Mark Bird	25	Oversaw user login, logout, and sign up
Jason Cook	25	Oversaw storing user data

Project Management:

Managing a Python web application for data plotting involves various project management tasks to ensure smooth operation and successful outcomes.

1. Opening Accounts on Public Websites for the Project:

- This involves creating accounts on platforms like GitHub, Google Drive, Discord, Python Anywhere, and VS studio for version control and collaboration.

2. Organizing Meetings:

- Scheduled and conducted meetings with our team to discuss progress, address challenges, and plan future tasks for the project.
- Arranged final meeting for discussion on prepping Demo2 for submission.

3. Coordinating Activities:

- Assigned tasks to team members, tracked progress of our work, and ensured alignment with project goals and final due date.

4. System Evaluation with External Users (if applicable):

- Not applicable. This would be a beneficial step if the project were to move forward and develop further after Demo2. For now, it was only evaluated and tested by our team.

5. Installing and Maintaining Developer's Resources:

- Set up and maintained developer tools such as VS studio, GitHub, Python Anywhere, and Google Drive for sharing and conducting our project.

6. Combined all Contributions into Correct Files and Formats:

- Integrated code contributions from our team into the project repository, ensured consistency, resolved conflicts, and adhered to coding expectations. This includes managing file formats for data inputs and outputs, ensuring compatibility and integrity.

7. Other:

- Documented coding and user guides for ease of understanding and future reference.
- Monitored system performance and scalability, optimizing code and resources as needed.
- Ensured to create as user-friendly UI as possible so that the program is easy to use and quickly provides results.
- Conducted periodic reviews of the work to identify areas for improvement and refine development processes.
- Finalized all technical aspects of the project to meet the requirement deadline.

By effectively managing these aspects of the project, the Python web application for data plotting can be developed, maintained, and enhanced to meet user requirements and deliver value effectively.