

CIS-2910C IT Capstone

Group 2: Team Roles and Responsibilities

Product Manager: Rachel Smith and Amber Holcomb

- Responsible for overall project planning, organization, submission, and success.
- Defines project scope, goals, and requirements based on the project overview.
- Gathers and prioritizes features and functionalities based on user needs.
- Creates a product roadmap and ensures the project stays on track.
- Coordinates communication between team members.
- Ensures the final product meets quality standards and user expectations.

Front-End Developer: Erica Wu and Aleine Petit Homme

- Develops the user interface using HTML, CSS, and JavaScript.
- Implements the design provided by UI/UX designers.
- Ensures responsive design for different devices and screen sizes.
- Integrates product listings, product details, shopping cart, and checkout process.
- Collaborates with the back-end developer to fetch and display data from the database.

Back-End Developer: Amber Holcomb and Erica Wu

- Implements the server-side logic using PHP.
- Manages user authentication and registration processes.
- Integrates the website with the MySQL database for product and user data storage.
- Implements the shopping cart functionality, checkout process, and order history.
- Ensures data security and implements necessary validation and sanitization.

Database Administrator: Aleine Petit Homme and Tania Idrees

- Designs and maintains the MySQL database structure.
- Creates and manages the products, users, and orders tables.
- Ensures data integrity, consistency, and proper indexing for efficient queries.
- Implements backup and recovery strategies to prevent data loss.

Quality Assurance Tester: Rachel Smith and Tania Idree

- Tests the website to identify and report bugs, errors, and usability issues.
- Conducts both manual and automated testing to ensure functionality and user experience.
- Collaborates with developers to verify bug fixes and improvements.
- Performs user acceptance testing to ensure the website meets requirements.
- Provides feedback to the team to improve the overall quality of the product.