

Bi-Weekly Report for UBID Online Auction System Project

Team Members

- Elliotte Wideman
- Connor Bland
- Hunter Blake
- Mekonnen Kindo

Reporting Period: June 15 - June 28, 2024

Week 1 (June 15 - June 21, 2024)

Tasks Completed

- **Project Plan Documentation**
 - Team members collaborated to complete the Software Project Plan Documents, which include the Gantt Chart, scheduling, team organization and roles, data management plan, technical and project description, and the test plan.
 - All components were completed as planned with 100% completion.

Progress

- **Requirement Gathering and Analysis**
 - Conducted initial meetings with stakeholders.
 - Gathered detailed requirements through interviews and questionnaires.
 - Documented functional and non-functional requirements.

Challenges

- Coordination among team members for document finalization.
 - Aligning schedules for initial meetings with stakeholders.
-

Week 2 (June 22 - June 28, 2024)

Tasks Completed

- **Software Requirements Specification (SRS)**

- Hunter Blake worked on the Use-Case Diagram and Class Diagrams.
- Connor Bland and Elliotte Wideman collaborated on the Use Case Flow of Events document.
- Mekonnen Kindo and Elliotte Wideman developed State-Transition Diagrams.
- The team collectively worked on Class Documentation and the Entity-relationship diagram.
- Progress on SRS tasks achieved 100% completion, with at least 50% completed by June 25.

Progress

- **Analysis and Approval**

- Analyzed existing on-site auction processes.
- Created a requirements specification document.
- Obtained client approval on the requirements document.

Challenges

- Synchronizing work on various diagrams and documentation.
 - Ensuring thorough analysis and incorporation of client feedback.
-

Upcoming Tasks

Week 3 (June 29 - July 5, 2024)

- **System Design**

- Design system architecture including use case diagrams, class diagrams, and sequence diagrams.
- Develop database schema for users, items, categories, bids, and reports.

Week 4 (July 6 - July 12, 2024)

- **UI Design and Review**

- Create wireframes for user interfaces (home page, registration, login, item listing, bidding).
 - Review wireframes and database schema with the client.
-

Risks and Mitigations

Requirement Changes

- Mitigation: Freezing requirements after initial approval and using a change control process for any subsequent changes.

Technical Challenges

- Mitigation: Allocating time for research and prototyping, and conducting regular team meetings to discuss and resolve technical issues.

Timeline Delays

- Mitigation: Monitoring progress regularly, adjusting the plan as needed, and maintaining a buffer in the project schedule for unforeseen delays.
-

Communication Plan

- Weekly status meetings are scheduled for:
 - Monday: 6:00 P.M.
 - Wednesday: 6:00 P.M.
 - Friday: 6:00 P.M.
 - Saturday (if needed)
-

By maintaining this structured approach and regular communication, the team aims to successfully develop and deploy the UBID Online Auction System within the six-week timeframe, ensuring alignment with client expectations and timely delivery of the final product.