

## Sprint Review 1

- Features Implemented
  - Created react-app and pushed to Github
  - Set up development environments on the personal computers for each of the members of our development team.
  - Created a new Kanban Board on ZenHub and integrated it into our GitHub repository
  - Created baseline product documentation including product backlog, sprint backlog, and SRS.
  - Published an initial SRS with a sufficient number of functional and non-functional software requirements
- Issues Fixed
  - Corrected inconsistencies between the product backlog and product description
- Implementation Review
  - None of the features in the product backlog have been implemented so far
- Changes Made
  - No changes have been made
- Plans for the Next Sprint
  - Begin development of the pilot-side user accounts
  - Begin development of user stories 2 and 7, complete user stories 4, 5 and 8
  - Create architecture design document
  - Generate use case documents and descriptions
- Scrum Review
  - Considerable progress was made in the areas of teambuilding and division of labor, work expectations and assignment of duties.
  - While we still have a long way to go, members who are less experienced with Github and Web Development in general are making progress with learning how to use the necessary environments and interfaces.
  - Some issues arose in the area of team communication - there were frequent situations where information was misinterpreted by different members of the group, members of the group inadvertently assuming the responsibilities of other members,
  - Time management could have gone better, tasks for future sprints should be incorporated throughout the week instead of concentrated on the final weekend.
  - Team members should develop a more comprehensive understanding of various aspects of the deliverable assignments earlier during the sprint.

## Sprint Review 2

- Features implemented
  - Created a new sign up /login page with limited backend functionality
  - Completed the account registration/authentication system
  - Began work on a basic routing system
  - Determined the system that we will be using to store account information on a secure database (firebase)
  - Began work on the user interface for account generation (so far we have a few unformatted react objects without backend functionality or event handlers - these will be completed during the next sprint)
- Issues fixed
  - Reworked the product backlog to match sprint backlog and review
  - Fixed SRS based on feedback received from the professor
  - Met with the professor to resolve communication difficulties and clear up inconsistencies in understanding
- Implementation review
  - The sign up and login page work effectively in a convenient way that allows you to sign in with google
- Changes made
  - Reworked the product backlog so that we weren't giving ourselves too many user stories per sprint
- Plans for the next sprint
  - Complete user stories 2, 4, 5, 7, 8
  - Finish the frontend work on the login and account creation system
  - Have a database for storing account data
- Scrum review
  - Considerable progress was made in the areas of teambuilding and division of labor, work expectations and assignment of duties.
  - While we still have a long way to go, members who are less experienced with Github and Web Development in general are making progress with learning how to use the necessary environments and interfaces. Team members are in the process of taking a 2 hour crash course in React on YouTube so that we have the working knowledge necessary to contribute features to the application.
  - Some issues improved with communication, but still working on it
  - We are getting better at assigning tasks and spreading them out throughout the sprint so that we have a better idea of what needs to be done before the final weekend of the sprint
- Scrum master: Orion Schwab
- Product Owner: Christian Silva
- Development team: Allison Lupien, Johnny Driscoll, Elliott Weeks

## Sprint Review 3

- Features implemented
  - Firestore Database fully implemented
  - User Interface fully implemented
  - Backend/Frontend communication with regard to account instantiation partially implemented
  - Unresolved merge conflicts remain
  - Contributed a new Sequence Diagram and associated documents to product documentation
- Issues fixed
  - Resolved an initial merge conflict between branches of the project by simply removing one of the branches - issues remain
  - Use Case Document has been edited in accordance with feedback from Deliverable 2
- Implementation review
  - Signup page and backend are partially connected. UI is further implemented. Ongoing merge conflict issue.
- Changes made
  - Fixed documentation on the basis of feedback from Deliverable 2
- Plans for the next sprint
  - Fix gitignore/merge conflicts
  - Begin implementation of user stories 10,13,24
  - Begin to work on facilitating communication between accounts (pilot and passenger)
- Scrum review
  - Overall productivity was a little bit lower than usual due to Spring Break but we were still able to implement important features of the User Interface and complete the initial 5 user stories. Unresolved merge conflicts remain.
  - Team members are making progress with regard to their knowledge of the skills needed for web development.
- Scrum master: Elliott Weeks
- Product Owner: Orion Schwab
- Development team: Christian Silva, Allison Lupien, Johnny Discroll

## Sprint Review 4

- Features implemented
  - Added new CSS file for account generation webpage
  - Made progress on implementing list of users on home page
  - Began work on a calendar system for storing and organizing flights and reservations
  - Reconfigured firebase to prepare it for upcoming features including messaging, flight planning, and communication between accounts.
  - Knowledge acquisition for implementing account to account messaging
- Issues fixed
  - Fixed the merge conflicts in Github which were related to the Node Modules for NPM/React. Merges between branches should no longer be a problem.
- Implementation review
  - Issues with the NPM node module merge conflicts seem to be mostly resolved, early work began on a number of very important features.
- Changes made
  - Use Case Models and Sequence Diagram Document updated in accordance with recommendations and feedback
- Plans for the next sprint
  - Finish user stories 10, 13 and 24.
  - Confirm the functionality of Github
  - Start work on flight generation and planning, including reservations and payments.
- Scrum review
  - We are making progress when it comes to increasing our productivity and familiarity with the development progress. Sprint meetings are getting shorter as we collectively become more familiar with the required documentation. As for Software Development, people are definitely falling into their roles and making progress with regard to application development skills and implementation.
- Scrum master: Allison Lupien
- Product Owner: Elliot Weeks
- Development team: Christian Silva, Johnny Driscoll, Orion Schwab