Akshara Narayana's Weekly Scrum Report

Sprint 1 - 09/19/2022 - 10/02/2022

What I did since the last sprint:

Review & Understand project requirements from the rubric.

What I plan to do this sprint:

Update the README.md file with additional information about tech stack and initial ideas of implementation.

Connect with Vaishak to Setup the Database and List the APIs that are required for the initial design. Create the basic design of the database tables, considering unordered database tables in light of all the expected query patterns.

Develop API design for all REST service calls by the front end.

What blockers I have:

Sprint 2: - 10/03/2022 - 10/16/2022

What I did since the last sprint:

Completed initial design of APIs and Created DB tables and ingested dummy data.

What I plan to do this sprint:

Design the data model and API for 'flights' and create a route. Build the Login Page for Frontend.

Line up with backend developers on the REST APIs that need to be implemented to support on submit actions for login.

What blockers I have:

Difficulty in implementing the on submit actions.

Sprint 3: - 10/17/2022 - 10/24/2022

What I did since the last sprint:

Developed the Flights data model, API and route. Connected with Prerna to connect this to frontend and test the displaying of flights.

Tested the Airline employee page as it was developed in parallel to display the flights schedule.

What I plan to this sprint:

Design the data model and API for 'airport_employee' and create a route.

Add functionality of jobs that an airport employee can do according to the rubric.

What blockers I have:

None.

Sprint 4: - 10/31/2022 - 11/13/2022

What I did since the last sprint:

Implemented the data model and API for 'airport_employee' and created a route.

Added functionality of jobs that an airport employee can do according to the rubric.

Cleared dummy data and Ingested Actual Data in Database – Phase 1

What I plan to do this sprint:

Develop data model and API for 'airline_employee' and create a route.

Discuss the gate assignment and unassignment logic with Vaishak.

Integrate front end with the backend services and continuous testing.

Document the implementations and Read about Demployment in AWS.

What blockers I have:

Limited time for documentation

Sprint 5: - 11/14/2022 - 11/27/2022

What I did since the last sprint:

Integrated frontend with backend. Deployed four services on AWS EC2 Instance.

Connected with Divija to add proxy to .env files to ease the IP calls.

What I plan to do this week:

Develop gate unassignment API and route and help vaishak with 'users' route.

Deploy the entire application and test the functionalities according to the rubric.

Test functionality and behavior of the login, register, airport employee page. Used postman for request and response testing.

Create the Database and Deployment Diagram. Update the Architecture Diagram.

What blockers I have:

Sprint 6: - 11/28/2022 - 12/01/2022

What I did since the last sprint:

Deployed the entire application on AWS EC2 with Load balancer.

Fixed bugs with gate assignment, register page redirection

What I plan to do this week:

Check the entire flow of the application on the cloud instance.

Complete the final version of journal and sprint task sheet.

Complete all the agile documentation and diagrams. Prepare for demo

What blockers I have: