

Requirement ID 1.1: Finalize Tech Stack/Tools

Ticket Details

Description: Determine as a team what tools and technologies will be used for each component of the mobile before development: frontend, backend, authentication, database, and AI recommendation engine.

AC: The acceptance criteria are to include the finalized tech stack in the Requirements documentation.

Ticket Logistics

Assignee: Sophia Jacob, Anna Lin, Kusuma Murthy, Nimra Syed, Nikka Vuong

Estimated Points: 1 point

Actual Points: 1 point

Branch: N/A

Extra Notes: This is Requirement 1.1.

Requirement ID 1.2: Agile Reference Stories

Ticket Details

Description: Develop a spreadsheet with at least 18 reference stories grouped into 6 pools (1,2, 3, 5, 8, 13 story points). This should reflect past assignments or projects and be used as benchmarks when pointing out stories for the project.

AC: The acceptance criteria are that each story should be assigned a reference story number, pool value, story source, and a brief description of the story summary within 25-50 words.

Ticket Logistics

Assignee: Sophia Jacob, Anna Lin, Kusuma Murthy, Nimra Syed, Nikka Vuong

Estimated Points: 2 points

Actual Points: 3 points

Branch: N/A

Extra Notes: This is Requirement 1.2.

Requirement ID 1.3: Requirements Stack

Ticket Details

Description: As a team, brainstorm requirements for Sprints 1, 2, 3, and Final Sprint. Provide a brief description of each requirement, estimate each story using planning poker, and prioritize each one.

AC: The acceptance criteria create a spreadsheet with the above information.

Ticket Logistics

Assignee: Sophia Jacob, Anna Lin, Kusuma Murthy, Nimra Syed, Nikka Vuong

Estimated Points: 2 points

Actual Points: 3 points

Branch: N/A

Extra Notes: This is Requirement 1.3.

Requirement ID 1.4: Architecture Documentation

Ticket Details

Description: Create the Architecture documentation. This includes identifying what the product is, a detailed description of each component, and UML diagrams illustrating how the systems work.

AC: The acceptance criteria to complete the Architecture documentation.

Ticket Logistics

Assignee: Sophia Jacob, Anna Lin, Kusuma Murthy, Nimra Syed, Nikka Vuong

Estimated Points: 2 points

Actual Points: 3 points

Branch: N/A

Extra Notes: This is Requirement 1.4.

Requirement ID 1.5: Create Figma Framework

Ticket Details

Description: Use Figma to design the loose framework of the mobile app and show the different flows from the user experience.

AC: The acceptance criteria is to create a Figma.

Ticket Logistics

Assignee: Anna Lin, Nimra Syed

Estimated Points: 3 points

Actual Points: 3 points

Branch:

<https://www.figma.com/design/OkqvVBkwqOT3h5tQEhQQqs/Travel-App-Design--Community-?node-id=0-1&p=f&t=it50sYVbA3gs7i8X-0>

Extra Notes: This is Requirement 1.5.

Requirement ID 1.6: Create Questions to Build User Profile

Ticket Details

Description: Create a list of questions for the user to answer upon account creation. This will be used to curate a personalized travel profile used by the AI Recommendation Engine to generate recommendations.

AC: The acceptance criteria is to create a list of questions.

Ticket Logistics

Assignee: Sophia Jacob, Anna Lin, Kusuma Murthy, Nimra Syed, Nikka Syed

Estimated Points: 1 point

Actual Points: 1 point

Branch: REFERENCE DOC IN GITHUB

Extra Notes: This is Requirement 1.6.

Requirement ID 2.1: Initialize the React Mobile App

Ticket Details

Description: This ticket is for creating the React App itself and the basic framework/layout of the app. We will need to specifically create this for a mobile app and test basic functionality by downloading XCode and testing if the app can be seen on an iPhone. We also need to initialize the React Native project using Expo Go.

AC: When the code runs, there should be a basic framework/starter React Native page for the mobile app that is able to run with `npm run ios`.

Ticket Logistics

Assignee: Sophia Jacob

Estimated Points: 5 points

Actual Points: 5 points

Branch: https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project

Extra Notes: This is Requirement 2.1.

Requirement ID 2.2: Setup the Database for the User Profiles

Ticket Details

Description: Create a FireBase database that contains two different tables and corresponding clusters. One should be for user profiles and the other should be for the recommendations made by AI.

AC: The Firebase Database should be fully functioning and created with all the tables necessary. From this, the system should also be able to query from the database, meaning that the endpoints/API to the database should also be set up.

Ticket Logistics

Assignee: Kusuma Murthy and Nimra Syed

Estimated Points: 2

Actual Points: 2

Branch:

https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project/tree/kusumaAndNimra_firestore_database

Extra Notes: This is Requirement 2.2.

Requirement ID 3.1: Create Landing Page of App for First-Time Users or Logged-Out Users

Ticket Details

Description: With this ticket, create the sign up page for the first time user. This will be an email and password field with a basic UI template for signing up.

AC: Once the page is created, there should be a way to navigate to the sign up page and be able to see the create account page with the two fields.

Ticket Logistics

Assignee: Nimra Syed

Estimated Points: 3

Actual Points: 3

Branch: https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project

Extra Notes: This is Requirement 3.1.

Requirement ID 3.2: Create Landing Page of App for Returning Users

Ticket Details

Description: This is the sign in page that the users should see once they have started the app and are a logged out user. It should also have a button for the sign up page, but this ticket doesn't need to connect the logic of the pages yet.

AC: The user should be able to see a login page with dummy fields for them to put their email and password. Later, integrate with the Firebase Auth.

Ticket Logistics

Assignee: Sophia Jacob

Estimated Points: 3

Actual Points: 3

Branch: https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project

Extra Notes: This is Requirement 3.2

Requirement ID 3.3: Create Login Page of App with Firebase Authentication

Ticket Details

Description: The app should allow the user to authenticate by using Firebase in the backend and allowing them to sign in with their Google account.

AC: Once the user gets to the login page, they can sign in with their Google Account and it should work to authenticate them.

Ticket Logistics

Assignee: Kusuma Murthy

Estimated Points: 5

Actual Points: 8

Branch: https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project/tree/main

Extra Notes: This is Requirement 3.3.

Requirement ID 3.4: Create Account Creation Page/Profile Setup

Ticket Details

Description: Implement the "Create Account" page so that users can set up their profiles after they have signed up with an email and password. This includes prompting users with questions to build their travel profile.

AC: There should be a functional, but plain UI, to show some sample questions to put on this profile building page that the user can interact with.

Ticket Logistics

Assignee: Sophia Jacob, Anna Lin, Nikka Vuong

Estimated Points: 8

Actual Points: 8

Branch:

https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project/tree/nikka-createaccount,

https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project/tree/sophia-signup-fix,

https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project/tree/sophia-profilecreation_v2

Extra Notes: This is Requirement 3.4.

Requirement ID 3.5: Store User Profile Data into the Database

Ticket Details

Description: Implement endpoints to store user profile data. This requires that a User Profile table be created in the database and an associated script to add data to the table.

AC: Once the user fills out the questions on the profile page, it should store into the database for that specific user ID.

Ticket Logistics

Assignee: Kusuma, Nimra

Estimated Points: 3

Actual Points: 3

Branch:

https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project/tree/kusumaAndNimra_firestore_database

Extra Notes: This is Requirement 3.5.

Extra Requirement 1: 14: Create Home Page After Log In

Ticket Details

Description: After the user has clicked log in, it should take them to a blank page that is the home page with a few words on it as a placeholder for future iterations.

AC: This should navigate to the home page which will house the recommendations in the future.

Ticket Logistics

Assignee: Sophia Jacob

Estimated Points: 2

Actual Points: 2

Branch: https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project

Extra Notes: This is an extra requirement done in Sprint 1.

Extra Requirement 2: 15: Create the Landing Page of Elysian

Ticket Details

Description: With this ticket, create the landing page for all users in the app. This should be a simple landing page that has a timer and only shows for a few seconds before going to the sign in/sign up page.

AC: Once the page is created, there should be a fully functional front page that has basic UI, shows up for a few seconds, and transitions to the next page.

Ticket Logistics

Assignee: Anna Lin

Estimated Points: 3

Actual Points: 3

Branch: https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project

Extra Notes: This is an extra requirement we completed in the Sprint.

Extra Requirement 3: 16: Connect Landing Page, Sign In Page, Sign Up Page, Home Page

Ticket Details

Description: Connect all the newly created template pages with this logic: landing page should always be seen first, then it will go to the sign in page with a button to see if they want to sign up. If they sign in, then it will go to home page. If they click sign up, it will go to the sign up page and they will create their account.

AC: The logic and flow of the app should work as described above.

Ticket Logistics

Assignee: Sophia Jacob, Anna Lin, Nimra Syed, Nikka Vuong.

Estimated Points: 5 points

Actual Points: 5 points

Branch: https://github.com/SAJacob7/Capstone_Team_Generated_Group30_Project

Extra Notes: This is an extra Requirement in Sprint 1.