**Weekly Report 4-7**

**Week:** Week4

**Date:** 21/3

**Completed Tasks:**

* Establish a regular meeting schedule, meet at 1 pm every Monday.
* Defined the weekly task distribution process: Tasks will be assigned during meetings, and team members will have two days to assess whether they can complete the tasks and raise any concerns.
* Developed a project timeline and created a Gantt chart to map out key milestones and deadlines.
* Finished the statement of work.

**Current Focus:**

* Finalizing the tasks for the next phase of the project.
* Reviewing the feasibility of the identified tasks to ensure the team can meet the deadlines.
* Begin the implementation of the prioritized project components.

**Upcoming Tasks:**

* Distribute tasks for the upcoming week during the next meeting.
* Started working on the image recognition and database code for the project.

**Challenges/Roadblocks:**

* Need to ensure that all team members are clear on the project requirements and timelines.

**Week:** 5  
**Date:** 24/3

**Completed Tasks:**

* Firebase basic configuration completed.
* Created user table, including user information, password, level, and attributes.
* Finalized the front-end framework.
* Confirmed the backend scanning functionality API.

**Current Focus:**

* Working on achievement-related data.
* Developing the initial drafts for key UI pages:
  + Logo entry page
  + Login page
  + Profile page
  + Character OC page
  + Basic tutorial page
  + Scanning page
* Implementing a small design feature: users must scroll to the bottom of the plant introduction page before turning the page.

**Upcoming Tasks:**

* Integrating front-end and back-end for QR code scanning and image recognition.

**Challenges/Roadblocks:**

* Identifying any potential integration issues between front-end and back-end during the QR code scanning implementation.

**Week:** 6  
**Date:** 31/03

**Completed Tasks:**

* **Database:** The user section has been completed.
* **Backend:** Successfully deployed the API on an AWS server.
* **Frontend:** Successfully called the API and tested functionality on iOS and Android.
* **Presentation:** Completed the mid-term report PPT.

**Current Focus:**

* Continuing work on the **Achievements** section of the database.
* Refining the UI design, focusing on the **skills page** and **nine achievement badges**.

**Upcoming Tasks:**

* Implementing the **account system** in the backend.
* Optimizing the **scanning interface** for better user experience.

**Week:** 7  
**Date:** 07/04

**Completed Tasks:**  
  • Completed scan feature testing with five animal and plant images.  
  • Refined badge logo design and restructured the frontend file directory, including configuring tsconfig.json.  
  • Created a reusable gradient border component to enhance UI section dividers.  
  • Disabled Android back button and iOS gesture navigation; page transition animations are also disabled on both platforms for a smoother experience.  
  • Initial character animation and basic interaction implemented on the main page.  
  • Static version of the Homepage completed, with an initial visual style established.

**Current Focus:**  
  • Continuing to refine the game design detail document.

**Upcoming Tasks:**  
  • Begin writing the individual report.