**Group Project Diary**

The project diary will document the progress, contributions, and reflections of the group members throughout the project.

**Project Title: Fork**

- Date Started: 23/09/2024

- Expected Completion Date: 29/11/2024

Team Members:

Name Role Contact

Jake Callow | Programmer / Project Leader | B00152286@mytudublin.ie

Lukas Stoskus | Programmer / Database Management | B00

Callum Breen | Programmer / UI and Design | B00152224@mytudublin.ie

**Diary Entries ( re-create this list for each weekly meeting)**

## Meeting #1 | Date: [30/09/2024]

## 1. Meeting Overview:

- Time: 9am

- Location: Project Skills Lab (E034)

- Members Present: All

- Agenda/Topics Discussed: Project Plan

## 2. Task Assignments:

- Research of resources and setting up Github assigned to [Lukas].

- Wireframe and UI brainstorming assigned to [Callum].

- Writing up the project plan assigned to [Jake].

## 3. Progress Updates:

- [Lukas] Progress: Github repository set up with separate branches for each member. He has also chosen a lot of the resources we should use such as database softwares.

- [Callum] Progress: Created a few wireframes to get an idea of what the app will look like.

- [Jake] Progress: Finished the project plan and began organising first meeting with Greg.

## 4. Challenges Faced:

- [Resources]: Trying to figure out what resources are best to use and best match our needs without conflicting with eachother.

- [Project Scope]: Unsure on if the project scope is large enough to warrant our project.

## 5. Decisions Made:

- [Resources]: Lukas researched and did small testing with each option to figure out which would be best.

- [Project Scope]: Continue brainstorming additional features and ask Greg about it in meeting.

## 6. Next Steps:

- [Project Plan Upload] to be completed by [Jake] by [11/10/2024]

- [Full Wireframe] to be completed by [Callum] by [11/10/2024]

## 7. Reflections/Lessons Learned:

- What worked well?: Having a project skills lab every Monday at 9am helps us to start the week off strong by setting our tasks for the week and having a concrete plan.

- What could be improved?: Nothing as of yet.

## Weekly Summary (Optional)(date)

1. Overall Progress:

- What major tasks were completed?: Basically finished the project plan, have a github repository set up, have an almost complete wireframe, and a good idea of our project resources.

2. Group Collaboration:

- How well did the team work together?: Very well, we were able to research topics together and make decisions as a team.

- Were all members equally contributing?: Yes, all team members had their own tasks to complete and did so on time and efficiently.

## 3. Upcoming Goals/Deadlines:

- What are the major upcoming milestones?: Uploading the project plan, begin foundational work on programming and project proposal.

## Meeting #2 | Date: [07/10/2024]

## 1. Meeting Overview:

- Time: 9am

- Location: E034

- Members Present: All

- Agenda/Topics Discussed: Programming Decisions

## 2. Task Assignments:

- Test login page assigned to [Lukas]

- Finish wireframes assigned to [Callum]

- Finalise document and catch up on programming assigned to [Jake]

## 3. Progress Updates:

- [Lukas] Progress: Created a test login page to make sure all chosen resources worked appropriately.

- [Callum] Progress: Finished the wireframes and began working with Lukas to get an idea of the programming tasks.

- [Jake] Progress: Finalised and uploaded the project plan and began reading up on resources to catch up on the programming tasks.

## 4. Challenges Faced:

- [Github Repo]: There was an issue with our repository, since we had little uploaded on it Lukas decided to remake it as well as the branches.

## 5. Decisions Made:

- [Resources]: Looking at Lukas’ research we made final decisions on the resources and software we will be using for the project.

## 6. Next Steps:

- [Database Test] to be completed by [Lukas] by [18/10/2024]

- [Documentation] to be completed by [Callum & Jake] by [18/10/2024]

## 7. Reflections/Lessons Learned:

- What worked well?: Delegation of work amongst team members.

- What could be improved?: More use of our Trello and shared planning spaces.

## Weekly Summary (Optional)(date)

1. Overall Progress:

- What major tasks were completed?: Foundational code set up.

## 2. Group Collaboration:

- How well did the team work together?: Well, splitting the work is working good for everyone so far.

- Were all members equally contributing?: Yes.

## 3. Upcoming Goals/Deadlines:

- What are the major upcoming milestones?: Getting database set up.

## Meeting #3 | Date: [14/10/2024]

## 1. Meeting Overview:

- Time: 9am

- Location: E034

- Members Present: All

- Agenda/Topics Discussed: Learning React

## 2. Task Assignments:

- Database test and react documentation assigned to [All]

## 3. Progress Updates:

- [Lukas] Progress: Beginning a test database to link with the test login page.

- [Callum] Progress: Reading up on react documentation to begin programming.

- [Jake] Progress: Reading up on react documentation to begin programming.

## 4. Challenges Faced:

- [ Time Constraints]: We were a bit behind with planning a supervisor meeting with Greg due to being busy with other modules.

## 5. Decisions Made:

- [Planning]: We made the decision to work on the next step, react programming, together.

## 6. Next Steps:

- [Database] to be completed by [Lukas] by [18/10/2024]

- [Documentation] to be completed by [Callum & Jake] by [18/10/2024]

## 7. Reflections/Lessons Learned:

- What worked well?: Shared planning.

- What could be improved?: Nothing as of now.

## Meeting #4 | Date: [21/10/2024]

## 1. Meeting Overview:

- Time: 9am

- Location: E034

- Members Present: All

- Agenda/Topics Discussed: Progress Check

## 2. Task Assignments:

- Functional foundational database assigned to [Lukas]

- Simple frontend UI assigned to [Callum]

- Adding more pages and functionality assigned to [Jake]

## 3. Progress Updates:

- [Lukas] Progress: Working on setting up docker and postgresql to have a simple database running.

- [Callum] Progress: Setting up redirects for login pages to start working on UI.

- [Jake] Progress: Refining code and adding commenting while setting up smaller pages.

## 4. Challenges Faced:

- [Merge Conflicts]: As we’re not used to working with different branches we had minor issues merging them together onto the main branch.

## 5. Decisions Made:

- [Resources]: Looking at Lukas’ research we made final decisions on the resources and software we will be using for the project.

## 6. Next Steps:

- [Database Test] to be completed by [Lukas] by [18/10/2024]

- [Documentation] to be completed by [Callum & Jake] by [18/10/2024]

## 7. Reflections/Lessons Learned:

- What worked well?: Delegation of work amongst team members.

- What could be improved?: More use of our Trello and shared planning spaces.

## Meeting #5 | Date: [04/11/2024]

## 1. Meeting Overview:

- Time: 9am

- Location: E034

- Members Present: All

- Agenda/Topics Discussed: Progress Check

## 2. Task Assignments:

- Database assigned to [Lukas]

- Frontend assigned to [Callum]

- Pages and functionality assigned to [Jake]

## 3. Progress Updates:

- [All]: Not much progress was made in the past week due to working on assignments for other modules.

## 4. Challenges Faced:

- [Time Management]: We didn’t get much time to work on the project due to working on other modules. However we’re confident we have enough progress done at the moment to make up for it.

## 5. Decisions Made:

- [Database Functionality]: We decided on some database decisions on how to store the additional recipes using closure tables.

## 6. Next Steps:

- [Small Prototype] to be completed by [All] by [18/11/2024]

## 7. Reflections/Lessons Learned:

- What worked well?: Getting more work done at the beginning helped us not need to rush during our week off and focus on other assignments.

- What could be improved?: More joint progress where we work on the more difficult areas together.

## Meeting #6 | Date: [11/11/2024]

## 1. Meeting Overview:

- Time: 9am

- Location: E034

- Members Present: All

- Agenda/Topics Discussed: Literature Review and Project Proposal

## 2. Task Assignments:

- More database functionality assigned to [Lukas]

- Additional Wireframes assigned to [Callum]

- Project Proposal Documentation work assigned to [Jake]

## 3. Progress Updates:

- [Lukas]: Completed his portion of the literature review and has gone back to working on database for now.

- [Callum]: Creating additional Wireframes for the more pages needed for development.

- [Jake]: Completeted their portion of the literature review and working on combining into the Proposal Document.

## 4. Challenges Faced:

- [Nothing in Particular].

## 5. Decisions Made:

- [Database Functionality]: We had to make more decisions about organising a central database and using different options.

## 6. Next Steps:

- [Small Prototype] to be completed by [All] by [18/11/2024]

## 7. Reflections/Lessons Learned:

- What worked well?: Having time outside of college is allowing us to get a lot more focused work done.

- What could be improved?: More focus on other aspects of the project.

## Meeting #7 | Date: [25/11/2024]

## 1. Meeting Overview:

- Time: 9am

- Location: E034

- Members Present: All

- Agenda/Topics Discussed: Frontend for Prototype and Documentation

## 2. Task Assignments:

- Additional functionality for the database to present information assigned to [Lukas]

- Frontend UI for prototype demonstration assigned to [Callum]

- Additional login functionality and code refinement assigned to [Jake]

## 3. Progress Updates:

- [All]: There was a large gap in meetings and sprints due to working on other assigments, most notably Data Structures and Rich Web. However, the work done on these modules has provided some additional context for how to achieve certain requirements for our Fork app.

## 4. Challenges Faced:

- [Nothing in Particular].

## 5. Decisions Made:

- [Database Decisions]: We settled on focusing on using local SQL Lite for our database in order to have a functional prototype first and then expand into other database options such as a centralised cloud database later down the line.

- [Prototype Demo]: We are going to assemble a version of the prototype to demonstrate to Greg (our supervisor) to see if we have enough functionality or need to expand before the proper demonstration.

## 6. Next Steps:

- [Populated Prototype Database] to be completed by [Lukas] by [29/11/2024]

- [Functional Prototype Frontend] to be completed by [Callum] by [29/11/2024]

- [Documentation and Organising Code] to be completed by [Jake] by [29/11/2024]

## 7. Reflections/Lessons Learned:

- What worked well?: The Github repo is making it very easy to keep track of work.