LAB 2: Sena Raufi, Pixie Grogan, Ojal Rakwal
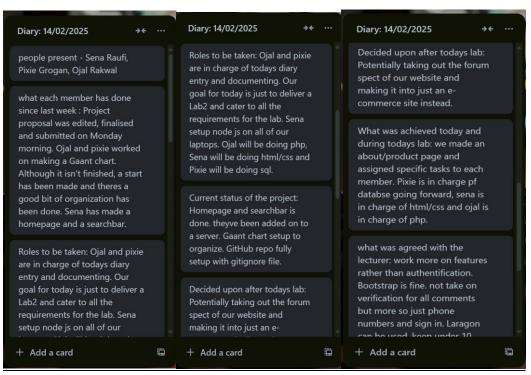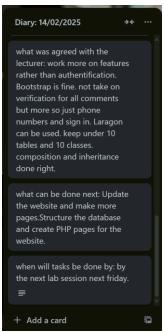
GitHub:

https://github.com/Senaraufi/SofwareEngineering-Project

Diary Entry on Trello:

Diary: 14/02/2025

people present - Sena Raufi, Pixie Grogan, Ojal Rakwal

what each member has done since last week : Project proposal was edited, finalised and submitted on Monday morning. Ojal and pixie worked on making a Gaant chart. Although it isn't finished, a start has been made and theres a good bit of organization has been done. Sena has made a homepage and a searchbar.

Roles to be taken: Ojal and pixie are in charge of todays diary entry and documenting. Our goal for today is just to deliver a Lab2 and cater to all the requirements for the lab. Sena setup node js on all of our

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Roles to be taken: Ojal and pixie are in charge of todays diary entry and documenting. Our goal for today is just to deliver a Lab2 and cater to all the requirements for the lab. Sena setup node js on all of our laptops. Ojal will be doing php, Sena will be doing html/css and Pixie will be doing sql.

Current status of the project: Homepage and searchbar is done. theyve been added on to a server. Gaant chart setup to organize. GitHub repo fully setup with gitignore file.

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What was achieved today and during todays lab: we made an about/product page and assigned specific tasks to each member. Pixie is in charge pf databse going forward, sena is in charge of html/css and ojal is in charge of php.

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what was agreed with the lecturer: work more on features rather than authentification. Bootstrap is fine. not take on verification for all comments but more so just phone numbers and sign in. Laragon can be used. keep under 10 tables and 10 classes. composition and inheritance done right.

what can be done next: Update the website and make more pages.Structure the database and create PHP pages for the website.

when will tasks be done by: by the next lab session next friday.

What have I done last week to move the project forward?

Sena worked on the website entirely this week and created a shell/idea of what we want the website to look like. At the moment, Pixie and Ojal are working on documentation and ideas for the website, as well as organizing who does what. We've decided that we will help with every section but mostly focus on three subsections: PHP, HTML and SQL.

Sena will be in charge of the main functions in the HTM/CSS, as she continued to this past week. Her main focus right now is to continue the overall display of the ideas we came up with last week.

Pixie will be in charge of the SQL/Database. The past week they've just tried to outline where we need the database functions (ie. The comments system/the form, users accounts/logins, the possible points system although may have to look at removing this later, and the music/artist sections). They also added an About Us page that works instead of a products description page, that just outlines a basic idea of what the website will be if we go ahead with the social media platform.

Ojal will be working on the PHP side of things. Right now she's worked on setting up the localhost for the website. Together we now have a working github repo on all laptops. Sena set up the GitIgnore file correctly so we can now more easily share updates to the website.

What will I complete today (see part (b) – sprint) and why?

Our plan today is to divide up the lab work. Since Sena has already finished the majority of what we needed for this weeks lab assignment when it comes to the HTML section our plan is to fine tune that with whatever suggestions are given to use by our lecturer. Pixie is writing our documentation for the lab work in the sections of the SCRUM and the initial requirements outline, which will also need to be discussed and fine tuned within the group. Ojal is working on our diary entry, updating the documentation on our Trello board and together we've worked on a Gant Chart that will help us with todays lab work.

This week as I mentioned before our plan is to further develop the website Sena has worked on with the topics discussed (PHP,SQL and HTML).

What are any impediments I need to raise

What do we need to find tune within the structure of the website? Should we develop the social media like platform we discussed last week or should we scrap the idea and work on a more ecommerce platform?

Can we use bootstrap for the style like changes to the HTML structure? Can we also use TailWind?

Should we look into breaking the website down further when it comes to the size of the database?

Is our plan for this week structed enough to further develop in the right direction?

Initial Requirements Outline:

- Scope List - What's in and What's out?

Upon further inspection we feel as though we might have to reduce the size of the website overall when it comes to the database. Mostly, we mean the

comments system/form system. It will basically need an entire large section of php, that were already going to be using for logins/accounts. Need to keep an eye on this.

We may have to make a website based around selling albums rather than reviewing them.

- Product Requirements - What will the website do?

At bare minimum, it will be a storge/archive of music (ie. Artist's, albums songs), we're just working out what framework we want with it. (ie either social media or an ecommerce website)

- Walkthrough scenario - How will users achieve goal –Use Case Specification?

A user will firstly make an account. This entails adding a sign up page that requires entering your name, your email, your phone number and create a password. Once in, a user can then search for their favourite artists, albums and songs, heart them and discuss w various other users what they thought of the music and open up to new ideas and thoughts. Added with that is an ability to buy presale quotes for concerts and link their Spotify account to their profile.

- System Requirements - What will happen behind the scenes at DB level?

The database will be built up of a few different sections but the main idea is this: it will contain users profiles, and login details, it will contain music and records that will be used for reviews, and it will contain possibly a comment system although not majorly importantly right now.