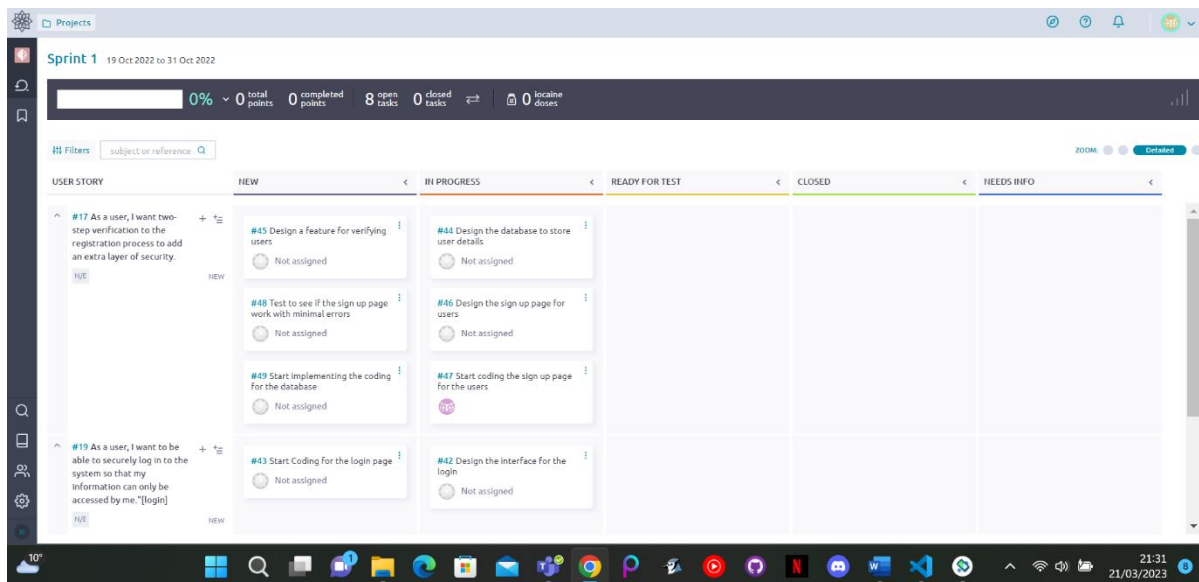# Software Development Plan

Methodology

We plan on using agile software development throughout the development process of our application. We feel that this methodology would suit us best as we can get immediate feedback on new features when they are implemented. Then, if any bugs or missing features of our newly implemented code, we can fix them quickly before moving onto the next task.

Stages

We have separated our project into tasks based on the requirements of our project, e.g., Login, Signup, Chat, Location Services, Posting, Profiles, Database etc. We have split these tasks between us, and will work on them in a very similar order of how the app will flow.

Taiga

We are going to use a website called Taiga to organise and plan the development process. We have added all the tasks needing to be done according to our user stories to our Taiga group. Here is an example photo of the Taiga page:

As you can see on the photo, it displays all the stages of the agile development process (In progress, testing, closed). This will help us stay more organised as a group, and can see what has been done, or if any testing needs to be done.

Github

We plan on using Github to store our code and for Version Control. Everyone in the group will regularly push and pull code from the git, to make sure we all have the most up to date code before adding more. This will also help with making sure none of our code will clash if two or more members end up adding code to the same files. Github is also very handy for other group members being able to see exactly what code has been added to the git, which will be very useful for debugging and finding exactly where errors could be if pushed to the git.

Group Meetings

We plan on having two group meetings a week throughout the development process (not including holidays), one with our supervisor, and one without. The reason for this is so we all keep up to date with what everyone is working on, and so we are all on the same page in terms of the overall vision of the project. The weekly meetings with our supervisor will also help keep us on track to achieving all our goals, and having a second opinion on the stages of our project.