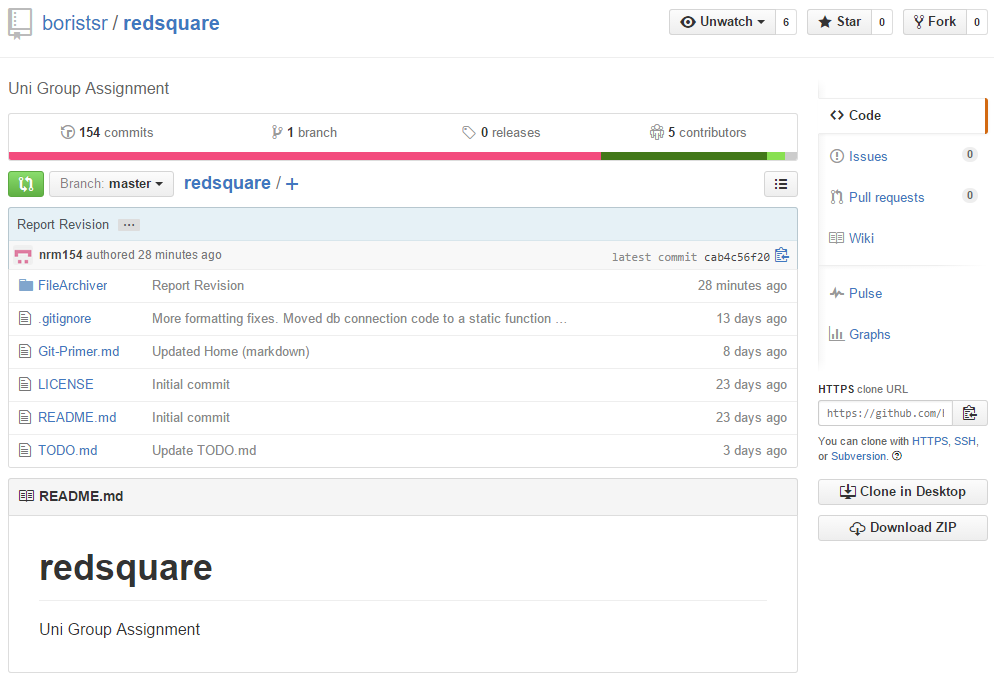
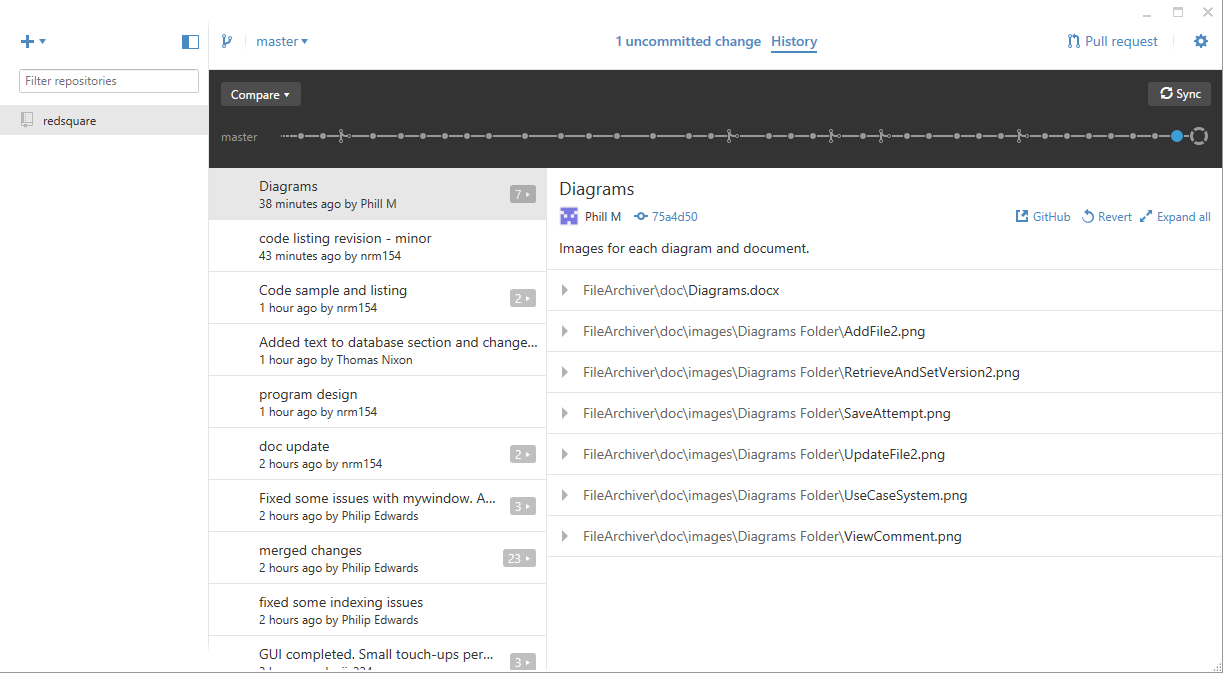
# CSCI222 – Group x – Version Control

For version management we have decided to utilise GitHub, a web based Git repository hosting service. We have chosen GitHub due to most members of the group having particular familiarity with it and it’s easy to use desktop application.

This is the main screen of the repository we used on the website, and the second picture shows the desktop application screen.





## Setup

GitHub makes setting up a local repository simple.

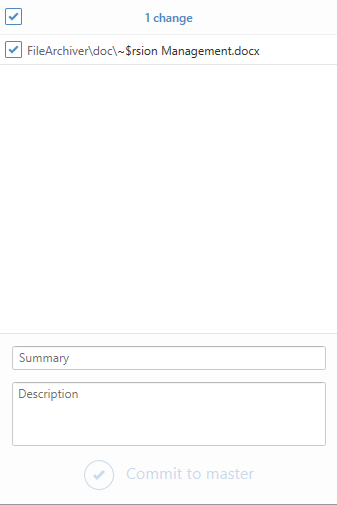
Firstly everybody in the group created a GitHub account, Phil E then created the repository ‘redsquare’ and added each group member to it for proper version control, after this the group is free to pull from the master branch and push/commit any new files or changes made to old ones.

For Windows and Mac users there is a downloadable desktop application (Displayed above) for GitHub which makes this version management much easier.

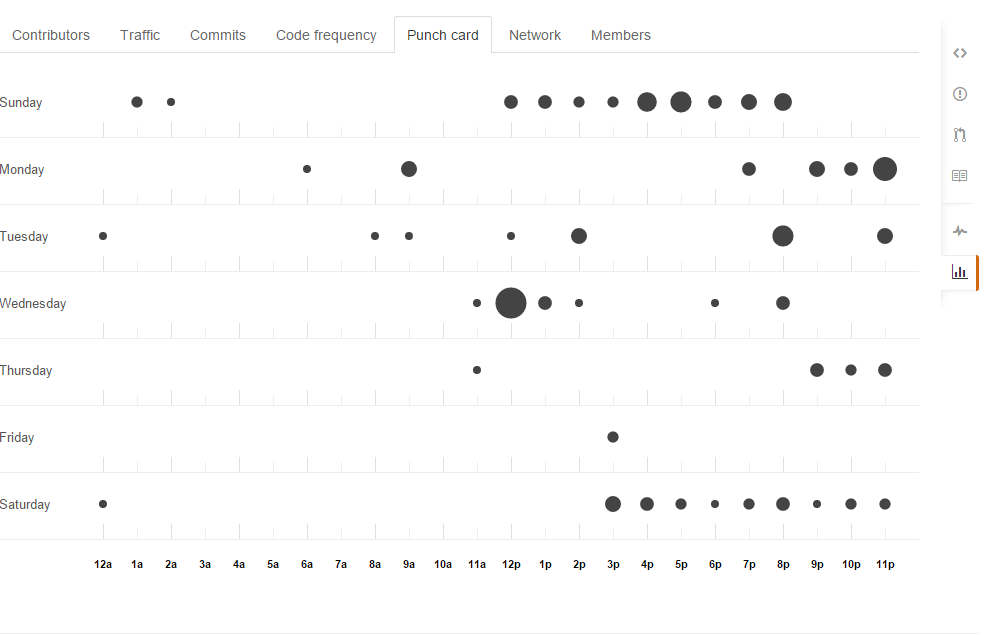
## Details/How we used it

This black bar is the top level of the Git repository. It shows the entire timeline of commit history to the repository. Each dot represents a commit and clicking on each takes you back to the previous versions of the repository. This is great for data security to ensure nothing is lost in an accidental commit of wrong work.

The image below shows any uncommitted changes a user has made to a current document or file. To commit it to the repository they must include a summary of what they are adding/changing and a description so that other users know what changes have been made. We used this information to go over each other’s work and make any recommendations to fix any mistakes the user who committed may have made and suggestions on how to fix them, working together to help each other.



## Access and usage information

The image below is from the GitHub website. It shows the virtual punch card of work commitments the group has made. It shows which day and at what time each commit occurred at for our group it shows that most work is done in the afternoons and later parts of the day.

//insert rest of commit stats

<insert img of the final commit statistics showing each member commits here >