# Sprint 1, 15th - 21st April:

## Sprint Planning:

* For the first sprint the obvious first step was to set up the visual front end of the program.
  + This included adding visual elements such as the login in and account creation pages with text boxes for entering account details and the main menu of the bank.
  + We chose this as the first step as it provided a great platform for the rest of the application to be built off.
* Research into potential methods of setting up two-factor authentication and database encryption was to be researched during this sprint as well.
  + This was because once a suitable library for these tasks is identified we can begin planning how to implement it.

## Sprint Evaluation:

* Both tasks set out for the first sprint were completed.
* The front end was set up properly however not pushed to the GitHub as not enough work was completed.
* The “Google Authenticator” library was chosen to be used for the Two-Factor Authentication feature.
* When it came to encrypting the database, it was discovered that visual studio has an in-built encryptor for its data.

# Sprint 2, 22nd – 28th April:

## Sprint Planning:

* For the second sprint we decided to get the two-factor authenticator working separately from the main application to discover how it works and how it would be implemented in the bank application.

## Sprint Evaluation:

* The two-factor authenticator was successfully implemented on a separate purpose built project.
* The testing authenticator was not pushed to the main branch as it was not implemented to the main application.

# Sprint 3, 28th April – 4th May:

## Sprint Planning:

* This sprint week was all about the backend server database.
* The goals for this week were:
  + Set up the backend server.
  + Set up the data encryption for the server.
  + Allow account creation and storing it on the server.
* Due to time constraints further sprints shall take place during a shorter time frame.

## Sprint Evaluation:

* Using the previously researched methods on database encryption a database was set up and the data stored on it was encrypted.
* It was decided that now that the database is set up the next steps would be to implement more front-end information such as the transaction history and current balance.

# Sprint 4, 4th – 7th May:

## Sprint Planning:

* As mentioned in the previous sprint the next most important features to implement were to do with visualising account information such as account name, balance, and transaction history.
* These features need to be implemented and pushed onto the main branch on GitHub.

## Sprint Evaluation:

* The transaction history was added to the main menu.
* The accounts balance was added to the main menu.

# Sprint 5, 7th – 8th May:

## Sprint Planning:

* For the last sprint many features needed to be implemented due to the deadline being close.
* The last features to be added are:
  + Money withdraws and deposit.
  + Editing account details.
  + Closing an account.
  + Check books and cards.
  + Recurring payments.

## Sprint Evaluation:

* All features were finished and pushed onto the main branch of the GitHub.