***Timeline***

The overall timeline of the project is as follows:

| Green Software  Project | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 |
| --- | --- | --- | --- | --- | --- | --- |
| Build an UML diagram | ✅ |  |  |  |  |  |
| Design the frontend or user interface | ✅ | ✅ |  |  |  |  |
| Design the backend and database side | ✅ | ✅ |  |  |  |  |
| Writing code for the frontend of the software |  | ✅ | ✅ | ✅ | ✅ |  |
| Writing code for the backend of the software |  | ✅ | ✅ | ✅ | ✅ |  |
| Writing test case and testing |  |  | ✅ | ✅ | ✅ |  |
| Pre-Alpha release |  |  | ✅ |  |  |  |
| Alpha release |  |  |  | ✅ |  |  |
| Beta release |  |  |  |  | ✅ |  |
| General  availability |  |  |  |  |  | ✅ |

***Goals and Milestones***

* ***Build an UML diagram***
* Finishing drawing and noting UML diagram
* Taking ideas from teammates
* ***Design the front end***
* Create using figma
* Make sure the interface is user friendly and informative
* ***Design the back end***
* Design the backend using respiratory pattern and Object oriented programming applied
* Review to make sure the code is clean and containing short functions
* ***Writing code for front end***
* Using reactJS to design application overall
* ***Writing code for back end***
* Writing the classes for software
* Adding variables, property and methods for each classes
* ***Writing test cases and testing***
* Noting which parts to be tested and writing instruction for testing which includes testing instructions and requirements
* Writing test cases using NUnit test kits
* Running the test
* ***Pre alpha phase***
* Testing software by us developers
* ***Alpha phase***
* Release on github for other developers can do testing
* ***Beta phase***
* Available on our website which users can download to test and report bugs
* ***General availability***
* Release and announce software on multiple platforms

***Team breakdown and duties***

| Name | Role |
| --- | --- |
| Tran Hoang Hai Anh | Project manager, developer |
| Nguyen Manh Dung | Project owner, developer |
| Tran Yen Nhi | Software checking, developer |
| Nguyen Tran Yen Binh | Writing ideas, developer |
| Tran Hai Long | System Spectator |