|  |  |  |  |
| --- | --- | --- | --- |
| 14/9 | 1 | Project research / Choose Project |  |
| 21/9 | 2 | Choose Supervisor |  |
| 28/9 | 3 | Research Java EE |  |
| 5/10 | 4 | Research existing java frameworks |  |
| 12/10 | 5 | Select SDLC |  |
| 19/10 |  | Submit Research proposal |  |
| 26/10 |  | Research individual frameworks |  |
| 2/11 | 6 | Evaluate Websites using JEE frameworks |  |
| 9/11 |  | Literature review |  |
| 16/11 | 7 | Choose framework to create prototype |  |
| 23/11 |  | Search GitHub projects for project scale |  |
| 30/11 | 8 | Begin Designing JEE app |  |
| 7/12 |  | Design UML |  |
| 14/12 | 9 | ORM Database design |  |
| 21/12 |  | ORM Database design |  |
| 28/12 | 10 | Begin coding app |  |
| 4/1/2016 |  | Plugin framework |  |
| 11/1 |  | Document system map |  |
| 18/1 |  | Document task completion |  |
| 25/1 | 11 | Compare code on researched frameworks |  |
| 1/2 |  |  |  |
| 8/2 |  |  |  |
| 15/2 | 12 | Fill app with test data |  |
| 22/2 | 13 | Choose testing process |  |
| 29/2 |  |  |  |
| 7/3 | 14 | Test app module connectivity |  |
| 14/3 |  | Release alpha |  |
| 21/3 |  |  |  |
| 28/3 | 15 | Populate database and design website |  |
| 4/4 |  | Release beta |  |
| 11/4 |  | Documentation |  |
| 18/4 | 16 | Test database |  |
| 25/4 | 17 | Test session and security |  |
| 2/5 |  |  |  |
| 9/5 | 18 | Final testing |  |
| 16/5 | 19 | Documentation |  |
| 23/5 |  | Testing |  |
| 30/5 |  | Final release - Deploy |  |

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| Date | Task | Name | chk |

This proposal explores the potential to incorporate JEE compatible frameworks in to application development to reduce the development time and increase the application performance.

This proposal introduces what frameworks are and how they can be implemented. In order to choose the correct framework to implement in JEE app development it is important to research what components the framework manages.

This proposal suggesstes learnig about \underline{four} potential frameworks and building a prototype application with \underline{one} of the frameworks.

A commisioned project would analyze cost, time, compare frameworks and examine their implementation within a JEE environment.

