Risk Assessment for Bootcamp Project

The remit for this project is

**“To create a Spring Boot API, with utilisation of supporting tools, methodologies, and technologies, that encapsulates all fundamental and practical modules covered during training.”**

Overall risk assessment

Task : programming and documentation

Clare to carry out all this project.

Likelihood of some level of failure = high

Impact = negligible

Response = keep working on it to the deadline

Control measures = keep regular commits to github and good version control

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| task | risk | impact | Control measure |
| Make MySQL database  DFES-8 | Password forgotten | Severe  MySQL must be reloaded | Record the root password securely |
| Build springboot skeleton app  DFES-7 | Wrong modules uploaded at creation | moderate | Check carefully the configuration. Redo if Spring Boot Dev Tools, Spring Data JPA, H2 Database, MySQL Driver and Spring Web are not loaded |
|  | Port 8080 unavailable for tomcat server | mild | Use a different port eg 8081 |
| Build classes DFES -9 | Syntax errors. Project not running | moderate | Debug carefully |
| Build extra methods getGood and getBad  DFES - 20 | If statement syntax wrong | mild | debug |
| Junit Tests  DFES-12 | Syntax errors | mild | Debug |
| Integration Tests  DFES 11  DFES-21 | Syntax errors | mild | debug |
| Packaging  DFES- | Project won’t work in eclipse afterwards | severe | Consult someone who knows how to use spring and eclipse better than me  Leave til the very end of the project  Revert working project to prepackaged version with Git/Github |
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