**Benchmarks**

Back-End Database Implementation

* Instructor
* Student
* Admin

Instructor Functionality, Implementation / Testing

Student Functionality, Implementation / Testing

Admin Functionality, Implementation / Testing

Integrated Testing

Report / Presentation Preparation

**Time Schedule**

Back-End Database Implementation – 3 weeks

* Instructor (1)
* Student (1)
* Admin (1)

Instructor Functionality, Implementation / Testing – 3 weeks

Student Functionality, Implementation / Testing – 3 weeks

Instructor and Student must be completed before moving further.

Admin Functionality, Implementation / Testing – 2 weeks

Integrated Testing – 2 weeks

Report / Presentation Preparation – 1 week

**Grading Scheme**

CSC 521 Presentation – 10%

Back-end – 30%

Instructor – 20%

Student - 20%

Admin - 10%

Integrated Testing – 10%

**Tool List**

* LAMP STACK
  + APACHE
  + MySQL
  + PHP
* PHPMYADMIN
* Weblab Server
* CSS
* HTML
* Javascript
* Mobirise4
* ECharts
* Windows 10
* NetBeans

**Deliverables**

* Original Presentation
* Original Proposal
* Amendments
* System Architecture Diagrams
* Project Source Control URL
* User Manual
* Zip of All Files