**Benchmarks**

(B1) Back-End Database Implementation

* Instructor
* Student
* Admin

(B2) Instructor Functionality, Implementation / Testing

(B3) Student Functionality, Implementation / Testing

(B4) Admin Functionality, Implementation / Testing

(B5) Integrated Testing

**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**

* Server – weblab.salemstate.edu
  + LAMP STACK
    - APACHE
    - MySQL
    - PHP
  + PHPMYADMIN
* OS
  + Linux
  + Windows 10
* Languages
  + CSS
  + HTML
  + PHP
  + Javascript
* IDE
  + NetBeans
* Mobirise4 (an offline website builder)
* ECharts (drawing tool)
* Version Control
  + GitHub

**Deliverables**

* Original Presentation
* Original Proposal
* Amendments
* System Architecture Diagrams
* Project Version Control URL
* User Manual
* Sample Output
* Project Journal
* Postmortem
* Final Presentation
* Final Report
* Zip of All Files