**Software Engineering Group 2 Meeting Agenda**

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| **When and Where** | **Role** |
| **Date:** 11/26 | **Primary Facilitator:** Owen Burnett |
| **Start:** 8:00 A.M. | **Timekeeper:** Aaron Bourne |
| **End:** 8:45 A.M. | **Minute Taker:** Travis McMichael |
| **Location:** UCO Computer Science Lab |  |

**Ask Travis to take the meeting minutes and post them to D2L**

**1. Purpose**

Discuss subsystem integration, unit testing, integration testing, system testing, acceptance testing, and programming by contract. Discuss the implementation and testing of the web server, application server, and database server. Make sure that 40% of the functionality of each subsystem has been implemented and tested.

**2. Desired outcome**

We will have a plan for subsystem integration, unit testing, integration testing, system testing, acceptance testing, and programming by contract. We will have a plan for the implementation and testing of the web server, application server, and database server. 40% of the functionality of each subsystem will have been demonstrated by the group members. Group members will have shown that 40% of the testing of their individual subsystems is complete.

**3. Information sharing [Allocated time: 10 minutes]**

Aaron will demonstrate 40% of the functionality of his assigned subsystems and will show that 40% of the testing of the subsystems assigned to him is complete.

Travis will demonstrate 40% of the functionality of his assigned subsystems and will show that 40% of the testing of the subsystems assigned to him is complete.

Owen will demonstrate 40% of the functionality of his assigned subsystems and will show that 40% of the testing of the subsystems assigned to him is complete.

**4. Discussion items [Allocated time: 30 minutes]**

4.1 Discuss programming by contract: how preconditions, post-conditions, assertions, class invariants, and exception handling can be used in the code.

4.2 Discuss how the subsystems will be integrated.

4.3 Discuss how unit testing will be performed.

4.4 Discuss how integration testing will be performed.

4.5 Discuss how system testing will be performed.

4.6 Discuss how acceptance testing will be performed.

4.7 Discuss how the web server, application server, and database server will be implemented and tested.

4.8 Ask Travis to finish sections 1-3 of coding convention document

4.9 Ask Travis to revise functional model

**5. Wrap up [Allocated Time: 5 minutes]**

Review and assign new action items.

Meeting critique.