**Week 1: January 18 – January 24**

* Introduction to capstone course

**Week 2: January 25 – January 31**

* Assigned project: Student and Classroom Reporting tool
* Individual Assignment Specifications
* Assigned Milestone 0
* Meeting with mentor

**Week 3: February 1 – February 7**

* Team meeting and design discussions
* Work on Individual Assignment Specifications
* Meeting with mentor

**Week 4: February 8 – February 14**

* Project Studio
* Finish Individual Assignment Specifications
* Meeting with mentor

**Week 5: February 15 – February 21**

* **Milestone 0 is due**
* Draft of Milestone 1
* Meeting with instructor
* Meeting with mentor

**Week 6: February 22 – February 28**

* Project Studio
* Begin coding and implementing designs
* Meeting with mentor TBD

**Week 7: February 29 – March 6**

* Project Studio
* Continue to work on design implementation
* Meeting with mentor TBD

**Week 8: March 7 – March 13**

* Spring Break

**Week 9: March 14 – March 20**

* **Alpha Testing**
* Draft of Milestone 2
* **Milestone 1 is due**
* Instructor meeting
* Meeting with mentor TBD
* Project studio

**Week 10: March 21 – March 27**

* **Performance/Usability Testing**
* Project Studio
* Meeting with mentor TBD

**Week 11: March 28 – April 3**

* Project Studio
* Finish deliverables for Milestone 2
* Prepare for interactive demo
* Meeting with mentor TBD

**Week 12: April 4 – April 10**

* Project Studio/preparations for interactive demo
* **Present demo**
* Meeting with mentor TBD

**Week 13: April 11 – April 17**

* **Acceptance Testing**
* Draft of Milestone 3 is due
* **Milestone 2 is due**
* Project studio
* Instructor meeting
* Meeting with mentor TBD

**Week 14: April 18 – April 24**

* **Beta Testing**
* Project studio
* Meeting with mentor TBD

**Week 15: April 25 – May 1**

* Project studio
* Preparation for live public demo
* Meeting with mentor TBD

**Week 16: May 2 – May 4**

* **Milestone 3 is due**
* Public demo

**Risk Assessment:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Identifier:** | **Description:** | **Difficulty:** | **Importance:** | **Eliminate ASAP** | **Status** |
| **1.0** | **The All Students Page** | **Medium** | **High** |  | **Closed** |
| 1.1 | Shading of the tiles (from red to blue) to indicate correctness | Low | High |  | **Closed** |
| 1.2 | A spark-line indicating the performance of the student located on the button tile. | Medium | High | **Too difficult** | **Closed** |
| 1.3 | A Button to navigate to the all item’s page. | Low | High |  | **Closed** |
| **2.0** | **The All Items Page** | **Medium** | **High** |  | **Closed** |
| 2.1 | Shading of the tiles (from red to blue) to indicate progress for the item | Low | High |  | **Closed** |
| 2.2 | A spark-line indicating the status of the item on the item button tile. | Medium | High | **Too Difficult** | **Closed** |
| 2.3 | A button to navigate to the all students page | Low | High |  | **Closed** |
| **3.0** | **Item/Skill Page** | **Medium** | **High** |  | **Closed** |
| 3.1 | Trend-line graph for correctness and speed | Low | High |  | **Closed** |
| 3.2 | Show the trend-line graph for other items | Medium | High |  | **Closed** |
| 3.3 | List the performance for each individual student related to that skill | Low | High |  | **Closed** |
| **4.0** | **Student Page** | **Medium** | **High** |  | **Closed** |
| 4.1 | A trend-line showing the correctness and speed of performance | Low | High |  | **Closed** |
| 4.2 | Show the performance metrics for the student for all items the student is associated with. | Low | High |  | **Closed** |

**The items labeled in red represent tasks that are nearing completion. In order for these tasks to reach the status of closed, the mentor must sign off and agree to the full completion of the task.**

**CLOSED**

**ELIMINATED**

1. **The All Students Page:**
   1. The tiles must be shaded from red to blue indicating the performance of the student.
   2. There must be a spark-line on the tile to represent the performance of that particular student.
   3. There must also be a button on the page to select the all item’s view.
2. **The All Items Page:**
   1. The tiles must be shaded from red to blue to represent the progress for that item
   2. There must be a spark-line on the tile to represent the performance of that particular item.
   3. There must also be a button on the page to select the all students view.
3. **The Item/Skill Page:**
   1. There must be a trend-line on the page to represent the overall performance for that particular item.
   2. There should also be another trend-line to represent all of the other items combined.
   3. There must also be a list of performance metrics for each student that is involved with that particular item.
4. **The Student Page:**
   1. There must be a trend-line representing the correctness and speed of performance for that individual student.
   2. The page should also show performance metrics for that student across all the items the student is associated with.