WMU Cohorts Project

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TPS Report

2/25/19

Tasks:

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| --- | --- | --- | --- | --- | --- |
| Name | Description | Time | Risk | Assignee | To be completed |
| Test full project manually | Run both webapp and scheduler and test that schedules can be generated via the web app | 1 hour | 2 | Alex | 2/27/19 |
| Practice Presenting | Do mock presentations | 2 hour | 2 | All | 2/26/19 |
| Add scoring unit tests | Writing tests for the scoring classes and data class functions | 2 hour | 2 | Grant/Alex | 3/4/19 |
| FileReader Unit Tests | Finish writing unit tests for FileReader | 2 hour | 2 | Jake | 3/4/19 |
| Follow up on server request | Follow up with Dr Tsang after he speaks with OIT about getting a server to host the app | 1 hour | 1 | Alex | 3/4/19 |
| Launch on test server | Deploy the project on personal server to allow UAT by the advisors | 1.5 hour | 2 | Grant | 3/4/19 |

Stories:

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| --- | --- | --- | --- | --- |
| Name | Description | Time | Risk | To be completed |
| Generate Schedules | Create viable cohort schedules based on parameters | DONE | DONE | DONE |
| Create Front End/UI | Create a front end usable to WMU advisors | DONE | DONE | DONE |
| Create Database | Create Database to store requirements and schedules | DONE | DONE | Done |
| Allow adding new criteria with plugin system | Make it easier for people to add ranking criteria | 4 weeks | 4 | As Time Allows |
| Get AWS or WMU Server set up to run project | Work with Dr. Tsang and OIT to decide which is best and get server set up if necessary. | 2 weeks | 2 | 3/1/19 |

Past tasks:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Description | Resolution | Assignee | Completed |
| Work on Presentation/Practice Presenting | Make changes suggested by Kapenga and the class | Wrote new draft of presentation, will practice presenting this week | All | 2/24/19 |
| Make changes suggested by advisors and Dr Tsang | Change web app based on recommendations from meeting | Changes to schedule trigger, assignment page made and merged | Alex | 2/22/19 |
| Write more unit tests | Writing tests for the scoring classes and data class functions | Some tests have been written. We need to write more | Grant/Alex | 2/25/19 |
| Add section restriction | Add section restriction to optaplanner as specified by input | Wrote section restriction and added to planning collection method | Alex | 2/22/19 |
| Create connection between Optaplanner scheduler and database | Create JDBC connection between scheduler and database to add schedules once they are created | Successfully implemented and tested | Alex | 2/11/19 |
| Write Unit Tests for Excel Reader | Test Excel Reader | 2 hour | 2 | 2/25/19 |
| Set up meeting with advisors and Dr. Tsang | Find time to meet next week with Diana, Lindsay, Tammi, and Dr. Tsang | We are meeting 2/19 at 2:30 | Grant | 2/18/19 |