WMU Cohorts Project

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TPS Report, Week 8

12/2/18

Tasks:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Description | Time | Risk | Assignee | To be completed |
| Create Results Page | Create webpage to display scheduling results | 2 hours | 2 | Alex | 12/12/18 |
| Create makefiles for webapp | Write makefiles for running and testing the web application | 1hour | 2 | Alex | 12/12/18 |
| Write tests for webapp |  | 1 hour | 2 | Alex | 12/12/18 |
| Write C++ Restful API | Write restful http damon for our c++ program to interact with the web app | 2 hours | 3 | Grant | 12/12/18 |
| Write Use Cases | Describe cases in which the system will be used to achieve the goal of scheduling cohorts | 1 hour | 2 | Jake | 12/12/18 |
| Create more tests for c++ |  | 1hr | 2 | Grant | 12/12/18 |
| Write schedule ranking functions | Write a function that returns a int ranking a schedule for each criteria given by the advisors | 1hr | 2 | Grant | 12/12/18 |
| Write testing plan | Create Testing plan based on template | 2 hr | 1 | All | 12/12/18 |
| Add to research directory | Add research on scheduling algorithms | 2 hr | 2 | Jake, Alex | 12/12/18 |
| Continue to update documentation | Commit TPS and other documentation as it is created | 30 min | 3 | Jake | 12/12/18 |
| Create course assignment page | Create final course assignment page on the web application | 2 hr | 3 | Jake | 12/12/18 |

Testing plan: all monday night

C++ ranking: grant monday during the day

Last angular page: jake monday during the day

Makefile for webapp: alex Tuesday

Add licensing to all pages: all monday

Stories:

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| --- | --- | --- | --- | --- |
| Name | Description | Time | Risk | To be completed |
| Generate Schedules | Create viable cohort schedules based on parameters | 1 weeks | 2 | December |
| Create Front End/UI | Create a front end usable to WMU advisors | 4 weeks | 3 | Mid January |
| Create Database | Create Database to store requirements and schedules | 2 weeks | 2 | April |
| Allow adding new criteria with plugin system | Make it easier for people to add ranking criteria | 4 weeks | 4 | April? |
| Decide on server or desktop | Work with Dr. Tsang and OIT to decide which is best and get server set up if necessary. | 2 weeks | 2 | End of Fall Semester (Dec 15) |
| Notify advisors when schedules are done generating | Email or text advisors when the program is done running | 1 week | 2 | April |