WMU Cohorts Project

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TPS Report, Week 8

12/2/18

Tasks:

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| --- | --- | --- | --- | --- | --- |
| Name | Description | Time | Risk | Assignee | To be completed |
| Set up main repository | Organize main repository according to Dr Kapenga’s advice | 2 hours | 2 | All | 12/9/18 |
| Meet with Advisors | Meet with all advisors to get last bit of details for project | 1.5 hour | 1 | Alex | 12/3/18 |
| Import language spikes to project | See name | 30 min | 1 | All | 12/4/18 |
| Test language spikes | Time the language spikes and decide which to use | 30 min | 1 | all | 12/9/18 |
| Research algorithms to use | Look into algorithms for creating schedules and also look for open source software which does this | 1 hour | 1 | All | 12/9/18 |

Stories:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Description | Time | Risk | To be completed |
| Generate Schedules | Create viable cohort schedules based on parameters | 6 weeks | 4 | April |
| Create Front End/UI | Create a front end usable to WMU advisors | 6 weeks | 4 | 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 |