Group 13

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Iteration 1: Closeout

Our group spent iteration 1 doing research over the required data (UMKC classes, schedules, instructors, etc.) as well as how to properly utilize Django to suit our needs. We are considering instructor availability as well as other factors, like which instructor can teach what class and at what time, as well as other members of staff who can teach the courses. Our desire to fully implement the application into the UMKC puzzle right away was a major risk, since we have not moved past step 1, which was collecting information. Being overeager about the implementation of the application was a major mistake on this iteration. We believed that we would be able to start implement the classes needed relatively quickly, but the project’s size and complexity grew with our initial learning of Django and talks about our project design. What went well, was our focus on learning the frameworks and tools that we will be able to use during the creation of the application. We’ve investigated prebuilt Django apps, such as django-tables2, to help with the front-end visualization of application. A risk that was missed was our ineffective iteration planning. Now that we have experience with how an iteration will work out, we can better plan.

For iteration 2, we plan to choose an UI and start working on getting the application to a prototype stage before the end of the iteration. The goal is to get the UI and the functional parts of the application done before we can connect it to the database and make it capable of running scheduling algorithms.