Tutoring Scheduler

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**Statement of Problem or Opportunity:**

Embry-Riddle Aeronautical University’s tutoring program is currently undergoing a large-scale expansion, and part of this expansion is an overhaul of the appointment scheduling system. Students and tutor’s should have the ability to dynamically create and schedule appointments, which will provide some of the flexibility of the previous system while maintaining the records and structure needed by the new one.

**Use Case for Recording an Animal Feeding (actor is a Volunteer):**

A user logs into the system and selects which course they want to schedule an appointment for. The system will then display a set of tutors and available appointment times to the user. The user can filter based on tutor. The user then selects which block they want to schedule and confirms the appointment. The system will then notify the tutor that a new appointment has been made and they will then confirm it.

**Data being stored:**

* **Students:** id, name, email, isTutor
* **Ratings:** id, rating, description
* **Courses:** course code, name
* **Courses\_Tutored:** course code, tutor ID
* **Appointment**: Start\_time, end\_time tutor\_id, student\_id

**Timeline (11/18/19 – 12/6/19):**

1. 11/20/19

First Overview submitted

1. 11/21/19

ERR diagram for database created

1. 11/25/19

Tables populated to PRClab

1. 11/27/2019

Python or Java Connector running on personal machines

1. 11/29/2019

Text based UI for hours scheduling

1. 11/31/2019

Text-based UI for appointments and rating(?)

1. 12/3/2019

First Draft final report

1. 12/5/2019

Final draft final report