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):**

The volunteer has just fed an animal and wants to log the event. The volunteer logs into the system. The system shows a menu of possible actions. The volunteer selects “log feeding”. The system asks for an animal id. The volunteer enters the animal’s id. The system presents a list of animals matching the id, or part of id, entered by the volunteer. The volunteer selects the correct animal. The system presents a form for a feeding record that is partly filled in. The volunteer confirms the current information for animal\_id, time and date, and their id as feeder and log recorder. The volunteer changes the time entry to when the animal was fed, selects the type of food from a list of choices, then adds the amount given and amount eaten. The volunteer checks the information and then checks submit. The volunteer logs off the system.

**Data being stored:**

* **Students:** id, name, email, isTutor, pin
* **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. 11/22/19

webserver with tomcat(?) and LAMP backing

1. 11/23/19

tables created on the server

1. 11/25/29

form for tutor’s to create avalability

1. 11/27/19

form for students to scedchule appointments

rating form

1. 11/29/2019

all use-cases working, create basic testing scripts to populate the DB

1. 12/2/2019

first draft final report

1. 12/5/2019

final report finished