**Individual Assignment Specification**

**Team Mickey (Milestone 2)**

**Rakshit Choudhary:**

**Admin Role to devise:**

• **Task description**: Admin Access Page / Page restrictions

• **Evaluation**: Whenever a login is made, the webpage access would be restricted depending upon the role the user is playing (Scientist/Admin). Scientists will have minimal access to other mice and cage that do not belong to them where as the admin will have unrestricted access.

**Mouse Transfer Approval**:

• **Task description**: Approve transfer of a mouse from one cage to another

• **Evaluation**: Whenever the user/scientist requests for a transfer of a particular mouse from one cage to another, the admin will be able approve or deny the request based upon his will and reason. When a scientist requests a transfer then he should specify the cage details and it should be recorded in the transfer table. The admin will transfer the mouse details to the particular cage requested by the scientist.

**Notifications to the Admin**:

• **Task description**: Admin Notifications

• **Evaluation:** Whenever a scientist requests a transfer of a mouse or a particular production, the admin will be notified through a notification sitting in the notification table. The admin after every login, will be able to check them and action them through the transfer table or production table accordingly. Once a notification is actioned, the same will be updates and separated from the notifications that are not yet actioned.

**Production Table:**

**• Task description**: Request a production

• **Evaluation:** A scientist can request a mice of a specific genome to the admin if he falls short of any for testing purposes. The user will have to specify the genome type and then the cage that the mouse should belong to if it is approved.

**• Task description**: Approve/Deny a production request

• **Evaluation:** Once a scientist requests a production of a new mouse, the admin will be notified through a notification and then can action the same through the production table by adding the mother mouse tag number and the unique tag number for the new mouse and then add it to the requested cage.

**Team Contribution**: Making of the demo video for the purpose of the functionality of the project and its working orderly. Is also responsible for updating the Demo Video and the Individual Assignment Specification file to the database.

**Faisal:**

**Drop down buttons for the new transfer page:**

**• Task description**: Drop down for mouse id that belong to the user when requesting a new transfer.

**• Evaluation**: Creating a drop down box which contains mouse\_id that belongs to a particular user whenever he requests a new transfer.

**Task description**: Drop down for cage name

**• Evaluation**: Creating a drop down box which contains all the cage names that belong to the company whenever he requests a new transfer.

**Team Contribution**: Played the role of TEAM-LEADER and managed all the tasks and distributed the work equally to other members. Devise and use table associations with the cage and the mouse table and its respective seeding was handled and executed successfully.

**Suhaib:**

**Drop down buttons for the new mouse page:**

**• Task description**: Drop down for cage id that belong to the user and gender of the mouse when adding a new mouse.

• **Evaluation**: Two drop down box, one for cage id that belongs to the user and the other for the gender of the mouse

**Auto-population of age:**

**• Task description**: Age should auto populate when you add birth date for new

mouse/edit mouse

• **Evaluation**: A function to calculate the age of a particular mouse is written by taking its Date of birth as its input. This would be displayed automatically whenever the birth date of the new mouse will be added or whenever the information related to the mouse should be changed.

**Test cases:**

* **Task Description:** Run test cases for production, transfer and notifications tables
* **Evaluation**: For testing the validations of all the fields add one positive instance test case and a negative instance of the test case for each and every case in the system.

**Team Contribution**: Is the QA for the team. Takes care of all the promised functionality and checks if there are any issues and notifies the user upfront.

**Adithya K Murthy:**

**Validations:**

* **Task Description:**  User login fields validations:
* **Evaluation**: Email and password are required to log in into the system by the scientist and all the fields should be validated by correct email id and password and also the specified format. For this purpose added validations for the user-model class
* **Task Description:**  Mice validations:
* **Evaluation**: For adding a new mouse the tag number, genome, sex, age and date of birth of the new mouse is required and the fields should be validated by correct values and its specified formats. For this added validations for mouse model class.
* **Task Description:**  Cage field validations:
* **Evaluation**: For adding a new cage the cage name field should be validated by correct cage name and format. For this purpose validations are added to the cage model class.
* **Task Description:** Transfer field validation:
* **Evaluation**: To transfer a mouse from one cage to another cage the fields in the transfer should be validated by correct values and format. For this purpose, validations are added to the transfer table.

**Test cases:**

* **Task Description:** Run test cases for cage and mouse tables
* **Evaluation**: For testing the validations of all the fields add one positive instance test case and a negative instance of the test case for each and every case in the system.

**Team Contribution**: Demo booth operator for the iteration 1 and Individual Assignment specification document.