API for Demo 3

User Management

* To create a new User, send a POST request to [http://coms-309-vb-5.cs.iastate.edu:8080/users/{username}](http://coms-309-vb-5.cs.iastate.edu:8080/users/%7busername%7d)/{salt} -> Where {username} is a unique String and {salt} is a random String. The body contains the hashed password in the form of an int. Returns back nothing.
* To delete a User, send a DELETE request to [http://coms-309-vb-5.cs.iastate.edu:8080/users/{username}](http://coms-309-vb-5.cs.iastate.edu:8080/users/%7busername%7d) -> Where {username} is the unique String for the User you want to delete. You don’t need a body. Returns back nothing.
* To get details for a single User, send a GET request to [http://coms-309-vb-5.cs.iastate.edu:8080/users/{username}](http://coms-309-vb-5.cs.iastate.edu:8080/users/%7busername%7d) -> Where {username} is the unique String for the User whose details you want. You don’t need a body. Returns back a User object.
* To get a List of all Users, send a GET request to <http://coms-309-vb-5.cs.iastate.edu:8080/users>. You don’t need a body. Returns back a List<User> object.

Pet Management

* To add a new Pet to a User, send a POST request to [http://coms-309-vb-5.cs.iastate.edu:8080/users/pets/{rarity}](http://coms-309-vb-5.cs.iastate.edu:8080/users/pets/%7brarity%7d) -> Where {rarity} is the rarity of the pet you want ti be added. The function adds to the user a random pet of the specified rarity. {rarity} needs to be either “Common”, “Rare” or “Ultra Rare”. Body needs to contain a User object to whom the pet is to be added to. Returns back nothing.
* To remove a Pet from a User, send a delete request to <http://coms-309-vb-5.cs.iastate.edu:8080/users/pets>{id}. -> Where {id} is the id of the Pet to be deleted. You don’t need a body. Returns back nothing.
* To get a List of all a User’s Pets, send a get request to [http://coms-309-vb-5.cs.iastate.edu:8080/users/{username}/pets -](http://coms-309-vb-5.cs.iastate.edu:8080/users/%7busername%7d/pets%20-)> Where {username} is the unique String for the User whose Pets you want to be listed. You don’t need a body. Returns back a List<Pet> object.
* To rename a User’s Pet, send a POST request to [http://coms-309-vb-5.cs.iastate.edu:8080/users/pets/rename/{id}/{name}](http://coms-309-vb-5.cs.iastate.edu:8080/users/pets/rename/%7bid%7d/%7bname%7d) -> Where {id} is the id of the Pet to be renamed and {name} is the new name to be assigned to the Pet. You don’t need a body. Returns back nothing

Tickets Management

* To add a number of tickets to a User, send a POST request to [http://coms-309-vb-5.cs.iastate.edu:8080/users/{username}/tickets](http://coms-309-vb-5.cs.iastate.edu:8080/users/%7busername%7d/tickets) -> Where {username} is the unique String for the User you want to give tickets to. Body needs to contain an int representing the number of tickets to be added. Returns back nothing.
* To remove a ticket from a User, send a DELETE request to [http://coms-309-vb-5.cs.iastate.edu:8080/users/{username}/tickets](http://coms-309-vb-5.cs.iastate.edu:8080/users/%7busername%7d/tickets) -> Where {username} is the unique String for the User you want to remove a single ticket from. You don’t need a body. Returns back nothing.
* To see how many tickets a User has, send a GET request to [http://coms-309-vb-5.cs.iastate.edu:8080/users/{username}/tickets](http://coms-309-vb-5.cs.iastate.edu:8080/users/%7busername%7d/tickets) Where {username} is the unique String for the User whose tickets you want to see. You don’t need a body. Returns back an int representing the number of tickets the User has.

Timings Management

* To add a study session for a User to the database, send a POST request to [http://coms-309-vb-5.cs.iastate.edu/timings/{username}](http://coms-309-vb-5.cs.iastate.edu/timings/%7busername%7d) -> Where {username is the unique String for the User you want to add a study session to. Body needs to contain two java.util.Date objects, where the first one represents the start time and the second represents the end time of a study session. Returns back nothing.