

## Project Part 1

a. **Team:** Dixit Patel, Swathi Upadhyaya, Yuvraj Arora

b. **GitHub names:**

Dixit Patel	- DixitPatel
Swathi Upadhyaya	- SwathiU
Yuvraj Arora	- yuvrajarora

c. **Title: Rec-Center Management System** – A web application that provides access to customers to avail fitness services and amenities from a well-equipped sports studio of a university.

d. **Description:** Our goal here is to build a sports center management system for a university sports center that caters to the health and fitness services of customers. Apart from registering for the service (includes LogIn/LogOut), it provides basic facilities to the users like reserving courts, equipment and requesting for a coach. It also allows users to check out and participate in the competitions and events that take place in the center. The website will be accessible to the users, Sports administrator, the trainer and the maintenance staff. The systems has two user profiles – Student Profile and the Guest Profile.

e. **Actors:** Customer (Students + Guest), Sports Administrator, Trainer, Maintenance Staff

f. **Functionality:**

1. Customers can Register for a new account.
2. Customers/Staff/Admin/Trainer can login into an/ logout from an existing account.
3. Customers can request for a coach.
4. Customers can reserve Sports court or a gym equipment.
5. Customers can participate in a competition or an upcoming event.
6. The trainer can accept or deny an appointment.
7. The maintenance staff can check for inventory, damaged equipment.

8. The administrator can host new competitions and events.
9. Guest Customers can opt for membership plans.
10. Guest Customers can make payment for the plans.

**Stretch functionality –**

11. Reserving a parking lot
12. Reserving a locker
13. Joining any Sports Club (Yoga/Zumba/Swimming)