

RECREATION SERVICES PROJECT DOCUMENT

SUBMITTED BY:

YASMIN ZARINA (Z1739624)

GAYATRI GOTTIPATI (Z1739112)

INTRODUCTION:

The design of the project emphasizes on advancing the system where the user can be aware of ongoing activities in the recreation center. The website provides an opportunity to book the courts online for any game in advance and keeps updating the available slots. This ensures the user about the accessibility in spite of coming all the way to the center. The system adds another feature for the users to process their complaints online and a suggestion box is included for obtaining comments and requests. There is a request section too, where the users can make a request for equipment for their event from the recreation center.

Apart from these advancements, this system has another feature where the user, can just not only know about the events that are happening, but, can schedule their own events. They can rent the courts, equipment and lockers for the event they want to organize and pre-book their timings. The website will also, provide with the details and pictures of the recreation center, its courts and along with the contact details of the persons in-charge for each court and activity that can be held in a particular court. The website will include the details of all the fitness programs that are carried out in the recreation center. The website will provide the map of the recreation center. There will be a section of student employment that will show the available positions for employment. On clicking they will be prompted to fill in an application and submit it. Along with this, the website gives some general information, such as the policies, sport rules and FAQ section.

PART1: FUNCTIONAL AND NON-FUNCTIONAL REQUIREMENTS:

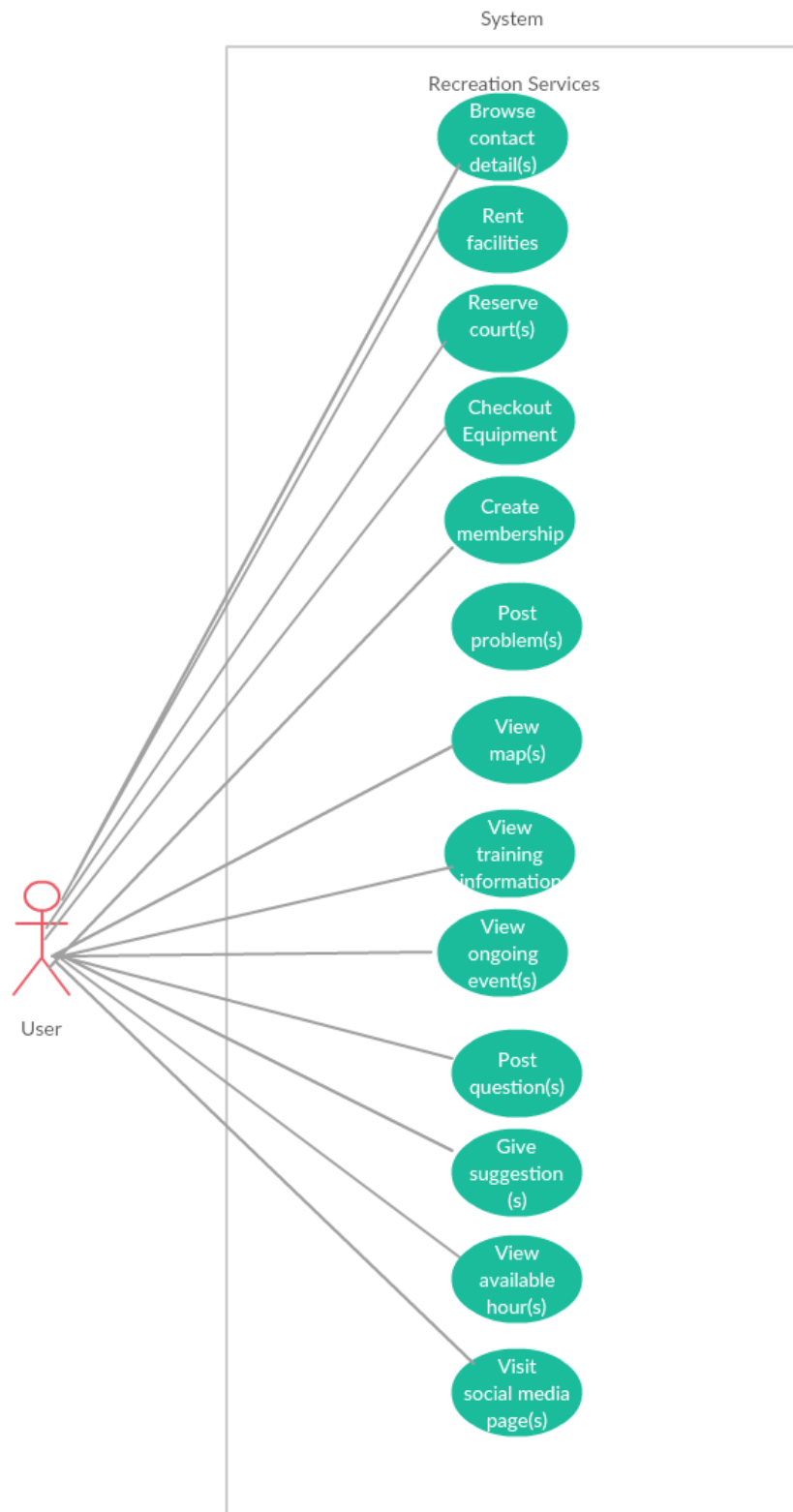
Functional Requirements:

1. The system should allow the user to browse the contact detail(s) about the Website.
2. The system should allow the user to browse and rent the facilities.
3. The system should allow the user to reserve the court(s).
4. The system should allow the user to check out the equipment.
5. The system should allow the user to create membership.
6. The system should allow the user to post the problem(s).
7. The system should allow the user to view the map(s) of the place.
8. The system should allow the user to view the information about the Trainer(s) and timings.
9. The system should allow the user to view the ongoing events in the Website.
10. The system should allow the user to post question(s).
11. The system should allow the user to give suggestion(s).
12. The system should allow the user to view the center's available hour(s).
13. The system should allow the user to visit the social media page(s).

Non-Functional Requirements:

1. The system should be user friendly.
2. The system should be secure and should maintain customer confidentiality.
3. The system should reset the password of the users by sending the password reset link to their email ID's.
4. The system should be able to recover in less than half an hour if a breakdown happens due to overload.
5. The system should automatically send the message to the customers during the downtime.
6. The system should be able to automatically link itself to backup database in case of database crash occurs.
7. The system should be able to handle thousands of logins at a time.
8. The system should be able to carry the maximum load of about 50,000 user's data.

PART-2: USE CASE DIAGRAM:



A. Title(goal): Recreation services

The goal is to provide user all the services in recreation center and to make it easy for him/her to view and post things.

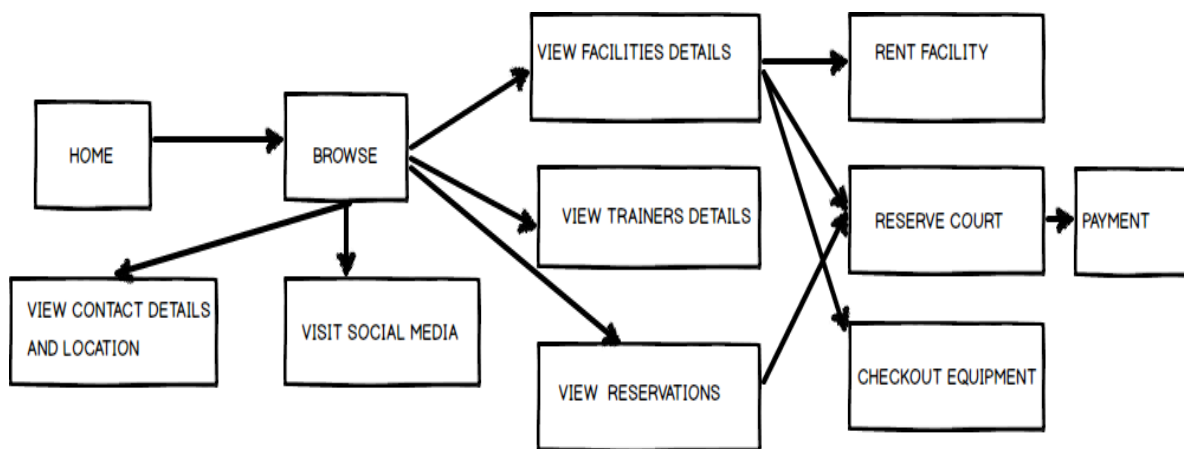
B. Primary actor: User

C. Scope: An online recreation service application

D. Level: Fish-level or sub-function

E. Story: The user browses through the site and views events, facilities, maps, etc. It also makes easy for the user to book courts, rent facilities and creates some events. There is availability for the user to post problems, suggestions and visit social websites by clicking on the social icon buttons.

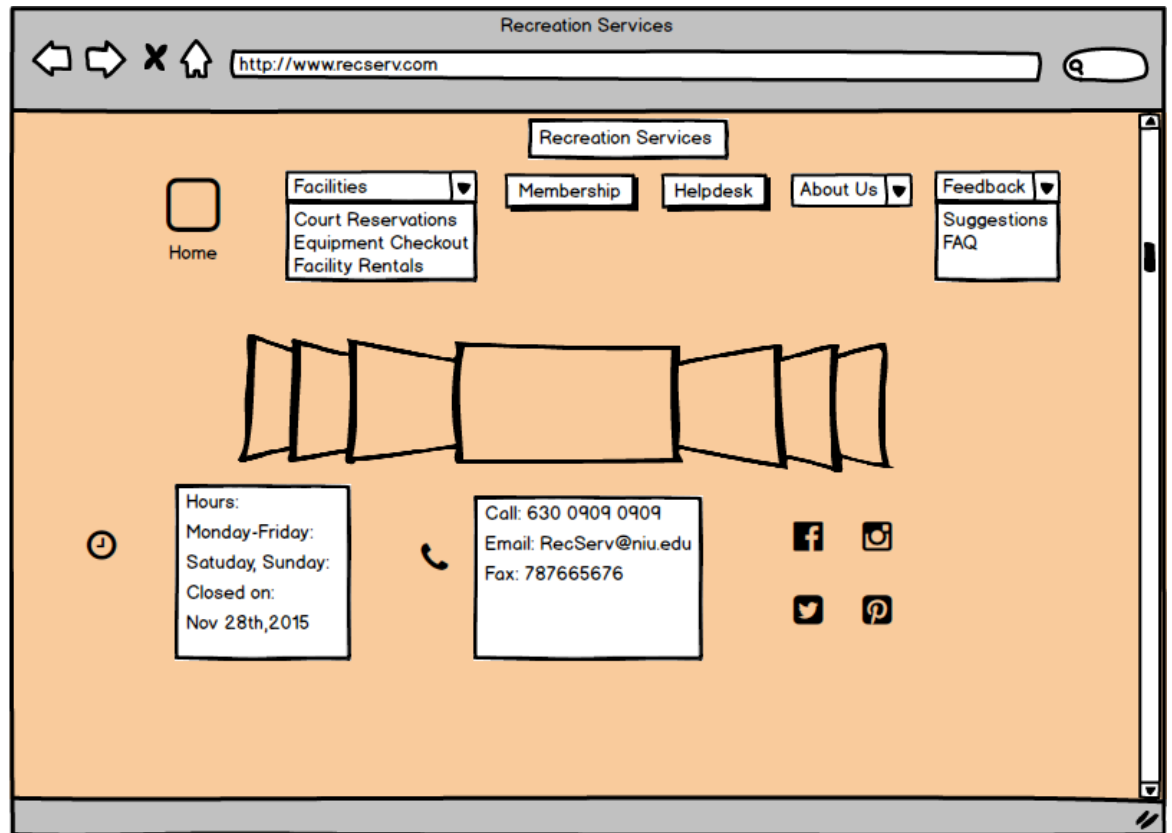
PART-3: FUNCTIONAL FLOW DIAGRAM:



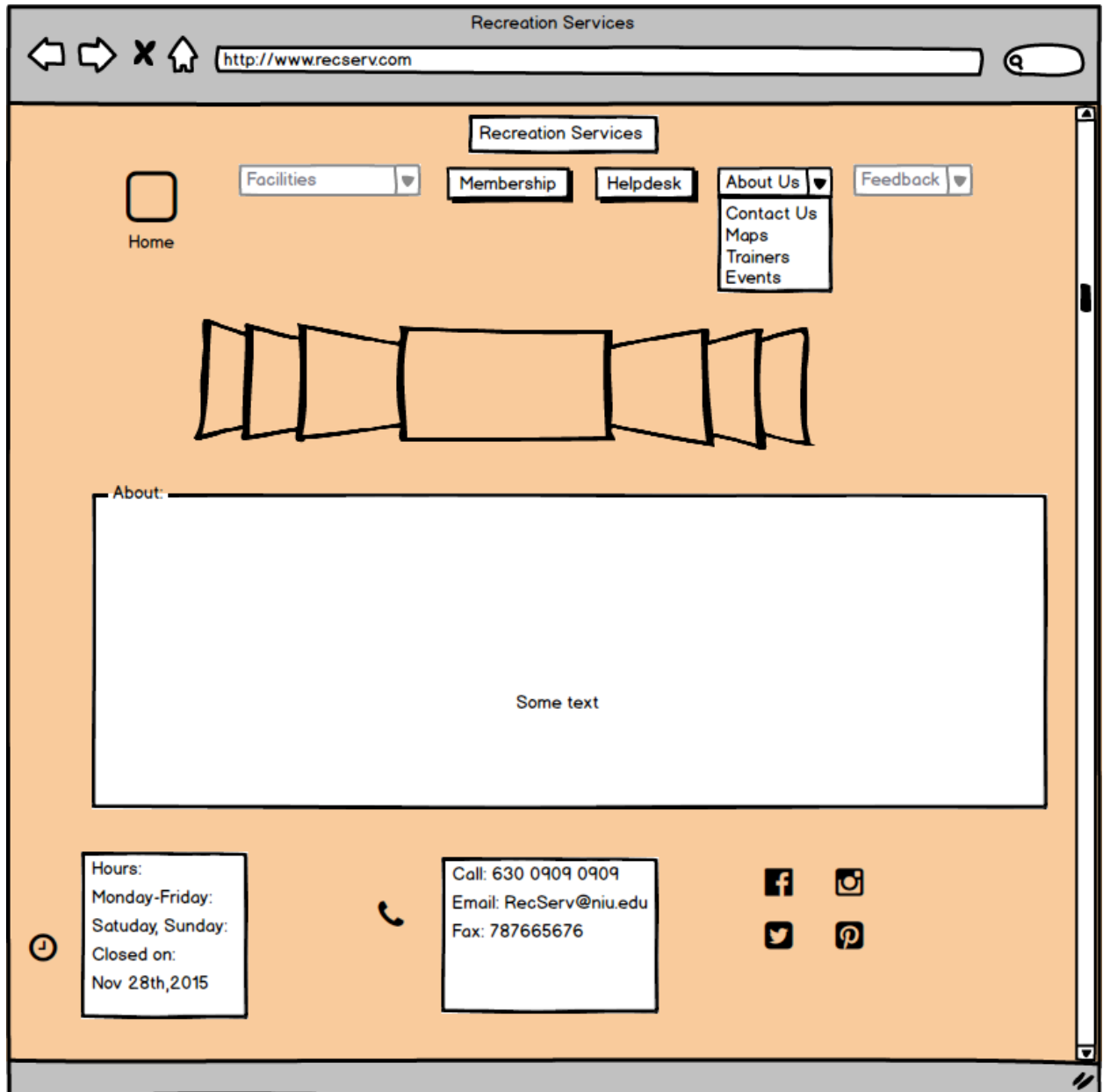
PART-4: WIREFRAMES:

1. Home page

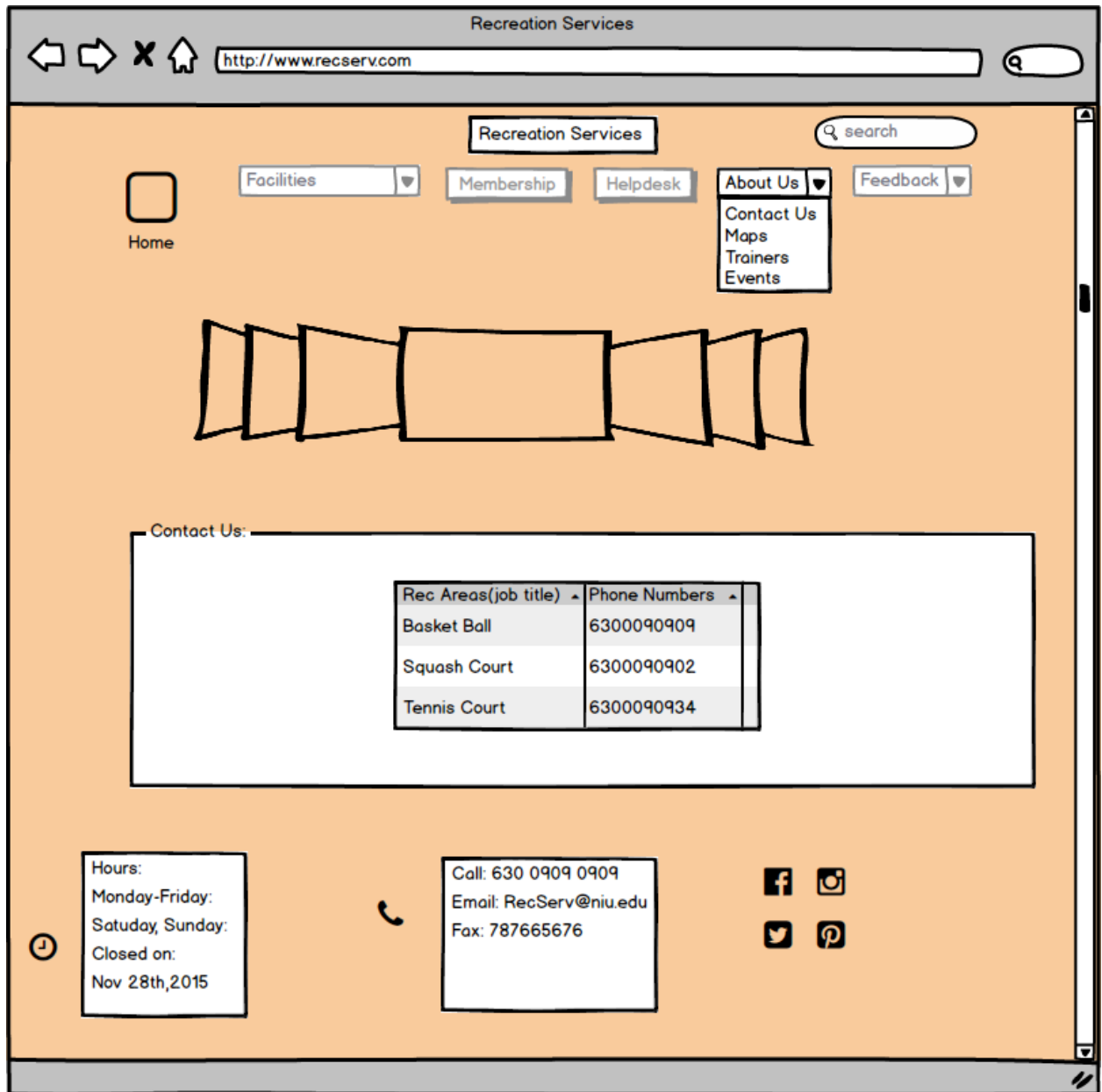
[a link](#)



2. About us page:



3. Contact us page:



4. Court Reservation page:

The screenshot shows a web browser window titled "Recreation Services" with the URL "http://www.recserv.com". The page has an orange header and footer. The header contains a "Recreation Services" logo, a search bar, and navigation links: Home, Facilities (with a dropdown menu showing Court Reservations, Equipment Checkout, and Facility Rentals), Membership, Helpdesk, About Us, and Feedback. The main content area features a large graphic of a basketball court. Below this is the "Court Reservation" form, which includes fields for Court, No of courts, Details, Date, Start Time (with a dropdown menu showing 10:00 a.m. and 11:00 a.m.), End Time (with a dropdown menu showing 10:00 a.m. and 11:00 a.m.), Organizer, Email, and Phone. There are "Submit" and "Cancel" buttons at the bottom of the form. The footer contains a "Hours" section (Monday-Friday, Saturday, Sunday, Closed on: Nov 28th, 2015), a phone icon, a contact information box (Call: 630 0909 0909, Email: RecServ@niu.edu, Fax: 787665676), and social media icons for Facebook, Instagram, Twitter, and Pinterest.

Recreation Services

http://www.recserv.com

Recreation Services

search

Home

Facilities

- Court Reservations
- Equipment Checkout
- Facility Rentals

Membership

Helpdesk

About Us

Feedback

Court Reservation

Court:

No of courts:

Details:

Date:

Start Time:

End Time:

Organizer:

Email:

Phone:

Submit

Cancel

Hours:

Monday-Friday:

Saturday, Sunday:

Closed on:

Nov 28th, 2015

Call: 630 0909 0909

Email: RecServ@niu.edu

Fax: 787665676

Facebook

Instagram

Twitter

Pinterest

5. Equipment checkout page:

The mockup shows a web browser window with the address bar displaying `http://www.recserv.com`. The page title is 'Recreation Services'. The header includes a 'Home' button, a 'Facilities' dropdown menu (with options: Court Reservations, Equipment Checkout, Facility Rentals), and navigation links for 'Membership', 'Helpdesk', 'About Us', and 'Feedback'. A search bar is also present.

The main content area features a large, stylized graphic of a row of lockers. Below this, the 'Equipment Checkout' form is displayed. The form includes the following fields and options:

- Type of Equipment:** A dropdown menu with 'Dumbbells' selected. Other options are 'Therapy Table' and 'Iron Kettlebell'.
- No of equipments:** A text input field.
- Date:** A text input field.
- Reasons:** A text input field.
- Name for issuing:** A text input field.
- Email:** A text input field.
- Phone:** A text input field.
- Type of customer:** A dropdown menu with 'Student' selected. Other options are 'Faculty' and 'Visitor: (Charges may apply)'.

At the bottom of the form are 'Submit' and 'Cancel' buttons.

The footer contains contact information:

- Hours:** Monday-Friday, Saturday, Sunday, Closed on: Nov 28th, 2015.
- Call:** 630 0909 0909
- Email:** RecServ@niu.edu
- Fax:** 787665676

Social media icons for Facebook, Instagram, Twitter, and Pinterest are also displayed.

Recreation Services


← → ✕ 🏠

http://www.recserv.com

🔍

Recreation Services

🔍 search


Home

Facilities ▾

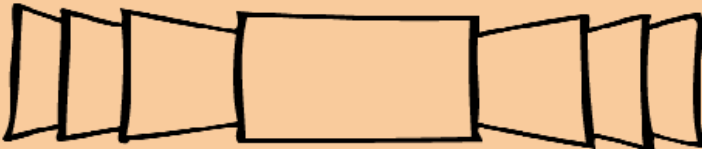
Membership

Helpdesk

About Us ▾

Feedback ▾

Suggestions
FAQ



Event

Name of Event:

Email Id:

Details:

Date:

Start Time

10:00 a.m. ▾

11:00 a.m.

End Time:

10:00 a.m. ▾

11:00 a.m.

Court:

Organizer:

Phone:

Submit





Cancel

🕒

Hours:
Monday-Friday:
Saturday, Sunday:
Closed on:
Nov 28th,2015

☎

Call: 630 0909 0909
Email: RecServ@niu.edu
Fax: 787665676



Recreation Services

← → × ↗

http://www.recserv.com

Q

Recreation Services

Facilities

Membership

Helpdesk

About Us

Contact Us

Maps

Trainers

Events

Feedback

Q search

Home

Event

Event Name (job title)	Date^v	Time^v	Court	Details	Organis	Phone
Competitive Swimm	Dec 4th	6:00 pm - 10	Swimming	A swimming competition is conducted between f	Roy Sm	8765456
BasketBall Beats	Nov 7th	5:00 pm- 8:0	Basket Ball	Red Manifests Vs X-Tend Leagues	Monica	8876564

[Click here to Register for an event](#)

Hours:

Monday-Friday:

Saturday, Sunday:

Closed on:

Nov 28th,2015

Call: 630 0909 0909

Email: RecServ@niu.edu

Fax: 787665676

f

o

t

p

Recreation Services

← → × ↗

http://www.recserv.com

Q

Recreation Services

Q search

Home

Facilities

Court Reservations

Equipment Checkout

Facility Rentals

Membership

Helpdesk

About Us

Feedback

Facility Description

Content

Facility (job title)	Number	Description	Rate
Aquatic Facility	3	6 Swimming Lanes and spa	&66 per lane
Boxing Studio	4	40x40 sizes with appropriate equipment and safety aid	&30 per court
Cycling Studio	1	12 cycles at a time	\$12 per cycle

Hours:

Monday-Friday:

Saturday, Sunday:

Closed on:

Nov 28th,2015

Call: 630 0909 0909

Email: RecServ@niu.edu

Fax: 787665676

Recreation Services

← → × ↗

http://www.recserv.com

Q

Recreation Services

Q search

Home

Facilities ▼

Membership

Helpdesk

About Us ▼

Contact Us
Maps
Faculty/train
Events

Feedback ▼

Trainer

Tainer Name	Job Title	Phone No	Email	Office timings
Miceal Dawn	Swimming Trainer	8765456676	6mic@niu.edu	8:00 a.m - 6:00 pm
Jennifer Holmes	BasketBall Coach	887656456	Jen7@niu.edu	5:00 pm- 8:00 pm

[Click here to Register for an event](#)

⌚

Hours:
Monday-Friday:
Saturday, Sunday:
Closed on:
Nov 28th,2015

☎

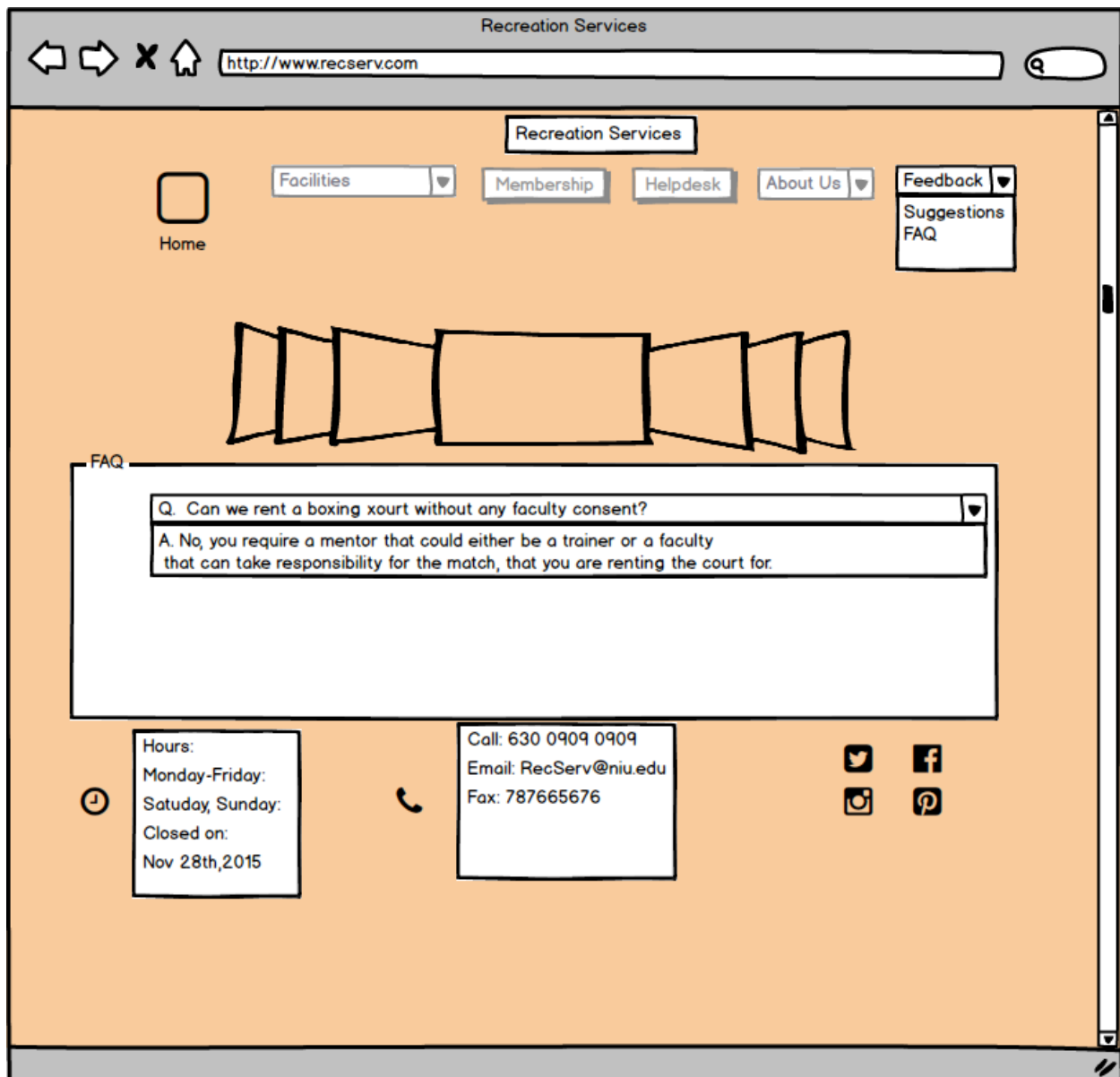
Call: 630 0909 0909
Email: RecServ@niu.edu
Fax: 787665676

f

📷

🐦

📌



Recreation Services

← → × ↗

http://www.recserv.com

Q

Recreation Services

Q search

Home

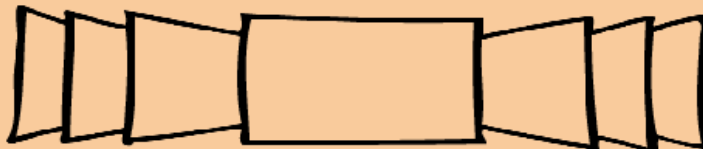
Facilities ▾

Membership

Helpdesk

About Us ▾

Feedback ▾



HelpDesk

Customer Name

Email Id:

Type of Customer:

Student ▾

faculty

visitor

Phone No:

Court/Equipment

Priority

☒ 1 hour

☐ 4 hour

☐ 24 hours

☐ 2 days

Problem Information

Submit

Cancel

⌚

Hours:
Monday-Friday:
Saturday, Sunday:
Closed on:
Nov 28th,2015

☎

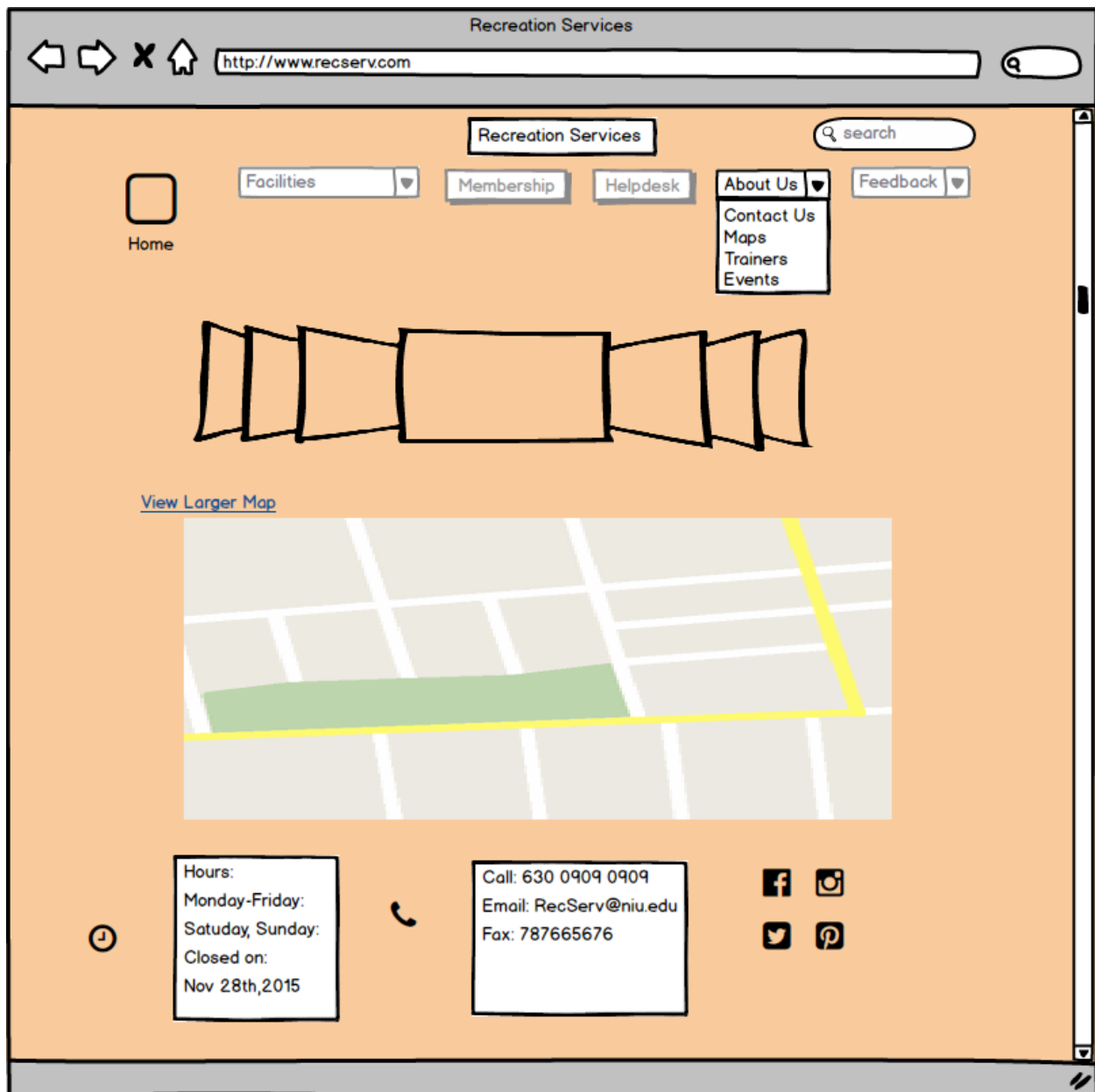
Call: 630 0909 0909
Email: RecServ@niu.edu
Fax: 787665676

f

o

t

p



Recreation Services

← → × ↗

http://www.recserv.com

Q

Recreation Services

Q search

Home

Facilities

Membership

Helpdesk

About Us

Feedback

Suggestions

FAQ

Membership

UserName

Email:

Type of membership

Student

Faculty

Visitor

Renewal Plan

Annual : \$ 100

Monthly: \$50

Weekly: \$10

Payment:

☒ Credit (selected)

☐ Debit

Card Number:

CVV

Expiry:

Name on Card:

Submit

Cancel

Hours:

Monday-Friday:

Saturday, Sunday:

Closed on:

Nov 28th,2015

Call: 630 0909 0909

Email: RecServ@niu.edu

Fax: 787665676

f

Recreation Services

← → × ↗

http://www.recserv.com

Q

Recreation Services

search

Home

Facilities

Membership

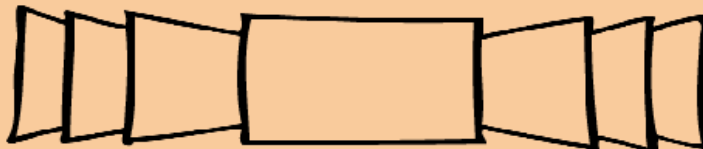
Helpdesk

About Us

Feedback

Suggestions

FAQ



Suggestions

Customer Name:

Email:

Type of Customer

Student

Suggestions:

Submit

Cancel

⌚

Hours:

Monday-Friday:

Saturday, Sunday:

Closed on:

Nov 28th, 2015

☎

Call: 630 0909 0909

Email: RecServ@niu.edu

Fax: 787665676

f

📷

🐦

p