



(Facility Booking System)

thatsMyPlace





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# The Idea



# **Facility Owners**

- Need a mechanism to track customer behaviour
- Need evenly distributed load in their facilities
- Want to make maximum profits for their business - time of use billing (Peak time based billing)





## **Student Teams**

- Want to play with each other as much as possible
- Do not want to wait in long lines for using a facility
- Ready to plan and book in advance



# **The Solution**



We built platform that allows students to book a facility and also allows facility owners to manage internal tasks.

### Some of the **key features** of our app are:

- Students can book a facility at an available time slot
- Students can give feedback to Customer Support team on their experience
- Facility enterprise has Customer Support for managing all student feedbacks and requests
- Customer Support coordinates with Maintenance team in case a user gives feedback on poor maintenance of facility

# **Approach**

Start -> Design the network and Object model.

We fixed our Enterprises -

- (1) University (lead provider)
- (2) Facility (product & service provider).

Next, we decided the organizations that had to be in each enterprise,

Further, we designed the object model with each organization's key role in mind.

#### **University Enterprise**

- Student Organization
- University Admin Organization

#### **Facility**

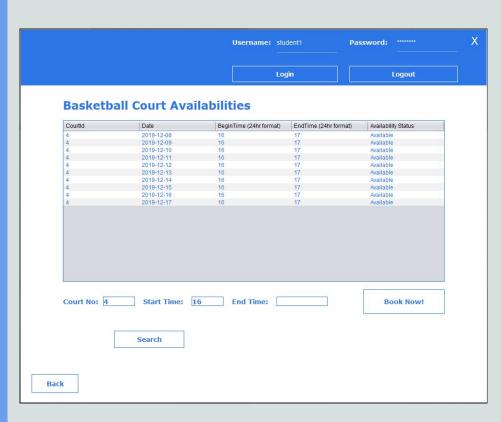
- Customer Support Organization
- Maintenance Organization
- Facility Admin Organization

- **▼** 🗁 JTree
  - Networks
    - - Facility Enterprise
        - Facility Admin Organization
        - Customer Support Organization
        - Maintanence Organization
      - University Enterprise
        - 📑 Student Organization
        - University Admin Organizartion

# **Use Case 1: Make Booking**

- Student interested to book the facility
- Student gets user account set up from university admin
- Student logs in, checks court availability and books slot!





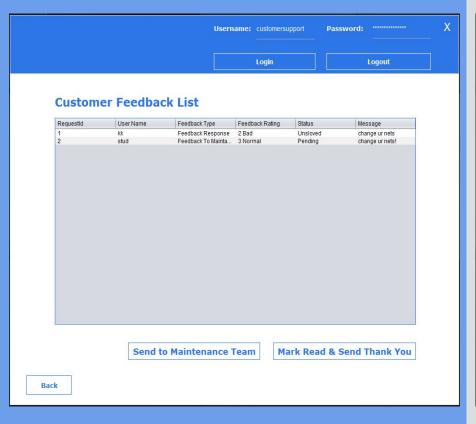
# **Use Case 2: Bad Experience**

- Student went to facility at the time of booking
- Student did not like tilted basketball ring at the facility
- Student logs in and gives feedback of "Closed" booking
- Customer support reads the feedback given by the student and notifies maintenance team
- Maintenance team sees the request and changes the tilted ring so that no customer in future reports the same issue

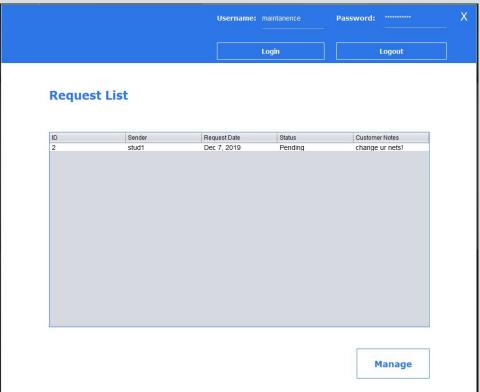
#### Student give feedback

	Username: stud	Password: ****	
	Login	Logout	
<b>Booking Details</b>			
Court No: 1		Start Time: 18	
<b>Date:</b> 2019-12-08	N	Message X	
Feedback Overall Rating: 3Normal	L	OK	
*Comment: change ur nets!			
	Submit		
Back			

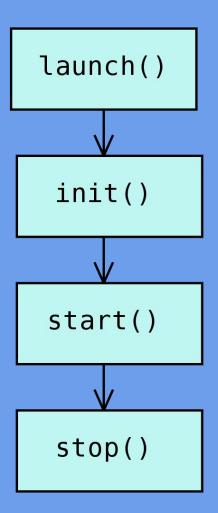
#### Customer Support Sends Maintenance request



#### Maintenance Manages request

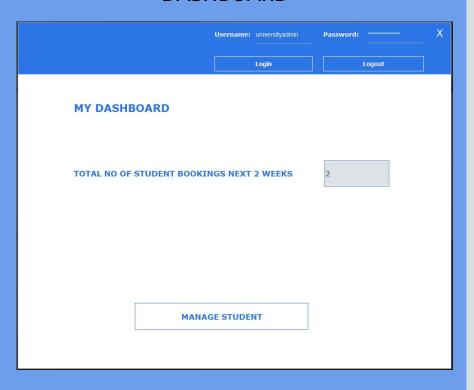


ENTERPRISE **ORGANIZATION OVERVIEW:** 

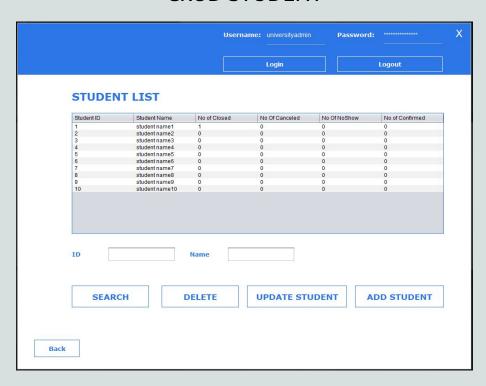


### **UNIVERSITY ADMIN**

#### **DASHBOARD**

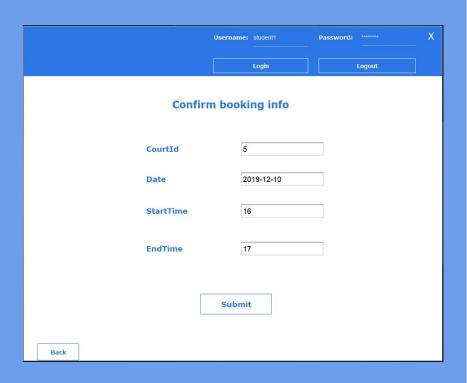


#### **CRUD STUDENT**

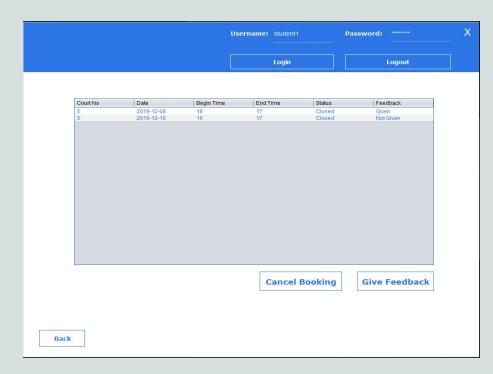


### **STUDENT**

#### **SUBMIT BOOKING**

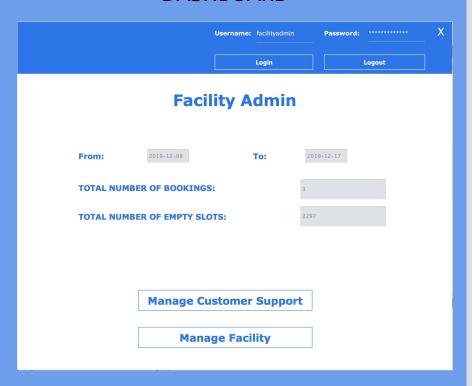


#### GIVE FEEDBACK/CANCEL BOOKING



### **FACILITY ADMIN**

#### **DASHBOARD**

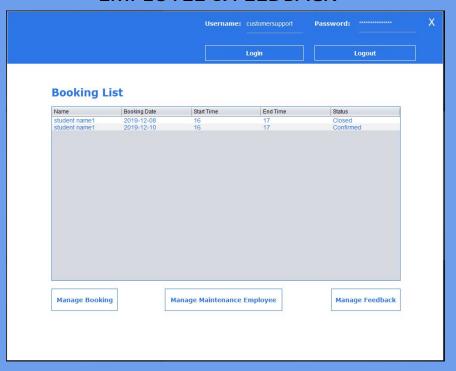


#### **MANAGE FACILITY**

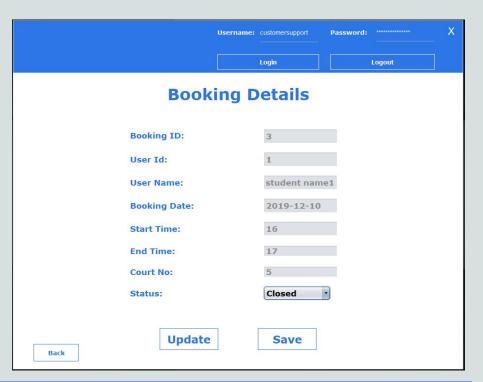
			Username:	facilityadmin	Password:	*******	X
				Login		Logout	
	Facility Name		Baskett	all Cour	t		
	Edit Operating	g Hours					
	Date	From 2019-12-08	•	<b>To</b>	-12-08	v	
	New Start Time		New E	nd Time			
			Save				
Back							

### **CUSTOMER SUPPORT**

# MANAGE BOOKING, MAINTENANCE EMPLOYEE & FEEDBACK

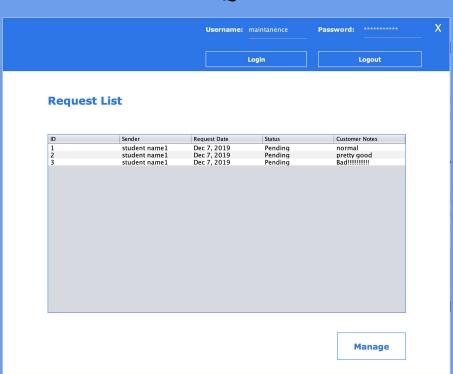


#### MANAGE BOOKING

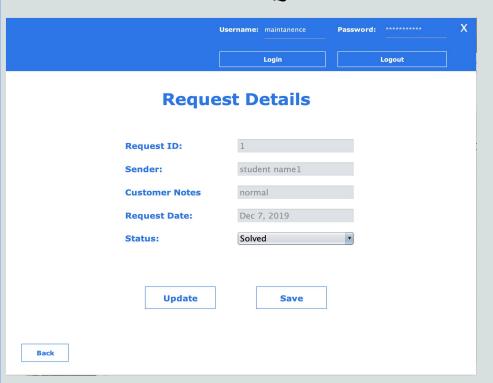


### **MAINTENANCE**

### **VIEW REQUESTS**



### **UPDATE REQUEST**



# Ideas to Expand..

The booking system can be used as an aggregator for bringing users and business owners on one platform.

- It can be used by retailers to avoid long lines outside the store (for example during Thanksgiving)
  - Users who book can get priority entrance
  - Business owners will be able to see traction of customers and strategize sales
- Facility owners can add/remove facilities based on customer booking data
- And can be used wherever we see long waiting lines (see image for line outside Nike store - Merrimack outlet, during Black Friday



# So who wants to book a court at Marino?





# Thank You!



