

1. **Name:** Jacob Tran
2. **Title:** Online Movie Rental Service
3. **Project Summary:** A movie rental service that allows for users to rent movies for a given period of time. The admins will be able to ban users for breaking the terms of use.
4. **Project Requirements:**

ID #	Requirement	Actors	Category	Priority
001	Users should be able to sign up for the service.	User	Function	Urgent
002	Users should be able to sign in/out for the service.	User	Function	Urgent
003	Users should be able to select what movie they want to rent out.	User	Function	Urgent
004	Users should be able to checkout a movie.	User	Function	Urgent
005	Users should be able to input their payment method into the checkout page.	User	Function	Urgent
006	Admins should be able to sign in.	Admin	Function	Critical
007	Admins should be able to add a movie to the available movies to the client.	Admin	Function	Critical
008	Admins should be able to view movie analytics and how it is doing.	Admin	Safety	Optional
009	Admins should be able to delete a movie from the available movies to the client.	Admin	Function	Moderate
010	Admins should be able to ban users for breaking terms of use.	Admin	Safety	Moderate

5. UI Mockups

User

username _____
password _____

Log In

Sign up

1. Cool Movie 1:47 ☐
2. Title 2 length ☐
3. Title 3 length ☐
4. ☒
5. ☐
6. ☐
7. Title 7 length ☒

next

Checkout

card number _____
card year _____
card month _____
card ccv _____
card name _____

begin date
return date
calendar pop up

Total \$\$\$

Confirm

new customer

checkout

Select Card

1. Home
2. Business
3. credit

Total \$45

confirm

existing

Admin

user1 ☐

User 2 ☐

User 3 ☐

User 4 ☒

BAN

click to delete

←

Movies

x movie 1 1947

x movie 2 time

x movie 3 time

⊕ ← add

Title, Genre, time...

6. Class Diagram

MovieRentalService

