

IT-314 Software Engineering

Group Number: 24

Project Name: Rental System

Lab 5: Activity Diagram

There are three sprints in our project –

1. Registration/login
2. User Interface
3. Admin Interface

Registration/Login:

Firstly, the user has to register on the website to be able to rent a vehicle. They add their details such as name, email I.D., password, address, and license. If the user already has an account, they need to log in and enter their email and password. The user is asked to re-enter the password if it is wrong and also the functionality for forgetting the password is provided. Users can also save their email and password on the device so they don't have to enter them every time to log in.

User Interface:

If the user's login is valid, they can update their profile. After the admin has verified it, those changes would be reflected on their profile.

Users can also take vehicles for rent. They can either choose from the dashboard or recommendations or they can search the website for the specific item they want. Then they can view its details and specifications added by its owner and if they like it they can request them. If the owner approves, they get the vehicle for the specified time.

Owners of vehicles can add them to rent. They need to add vehicle details, price, duration, etc. After the admin approves their post, it is shown on the website.

The owners can check their pending requests and approve or disapprove them. If they approve, a confirmation is sent to the requesting user and the vehicle listing is removed.

Users can view their history of listings and purchases.

All users can change their password if needed and also receive alerts and notifications related to their activity.

Admin Interface:

The admin verifies all the listings of vehicles that are done by their owners. Admin checks the photo, model name, vehicle number, its specifications, and its documents that the owner submits at the time of listing. If all these are up to the mark, the listing is approved and it is shown on the website, otherwise, it is rejected.

The admin can suspend users if they misbehave and remove existing vehicle listings. He/she can post important announcements on the website.

The admin can also change his/her password if needed.

Diagram for Registration/Login:

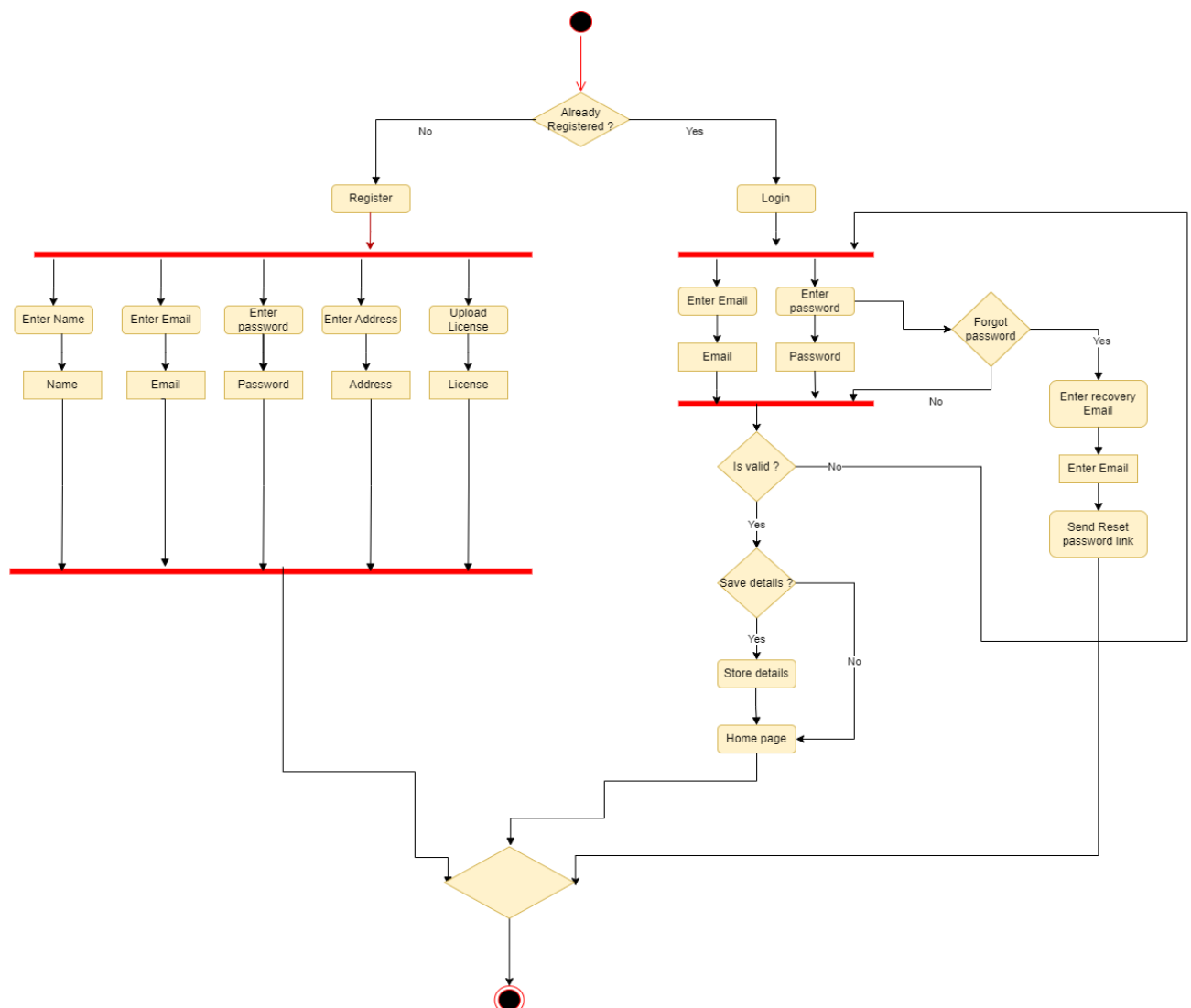


Diagram for User interface:

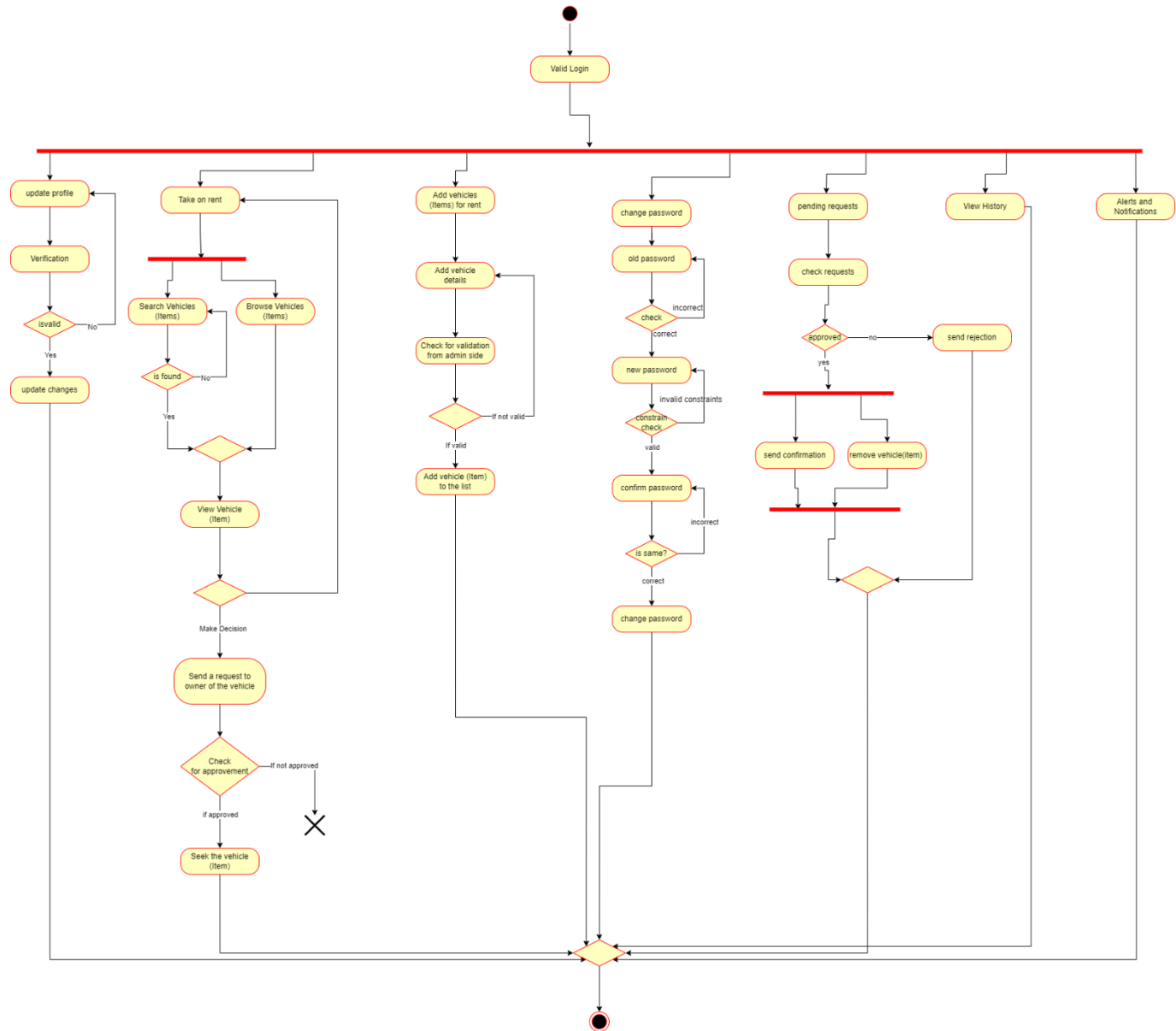


Diagram for Admin Interface:

