

Name: Matt Weber

Project: Swap Your Ride

Requirements: UR-01 Users can create a new account using email address

UR-03 Users can add vehicles and vehicle data

Use Case Documents:

Use Case Identification and History			
Use Case ID:	UR-01		
Use Case Name:	Create Account	Version No:	1
End Objective:	To create a new user account.		
Created by:	Matt Weber	On (date):	3/6/17
Actors:	User		
Frequency of Use:	Once for every new user.		

Preconditions
Database with table of Accounts is available.
Post-conditions
A new account is added to the database and user has access to ride swap system.

Basic Flow		
Step	User Actions	System Actions
1	User enters email and password.	
2	User clicks Join button.	Model confirms valid email address entered.
3		Database checks if account exists, creates new account.
4		View is updated to default account view.

Alternate Flow		
Step	User Actions	System Actions
1	User enters email and password.	

Alternate Flow		
Step	User Actions	System Actions
2	User clicks Join button.	Model confirms valid email address entered.
3		Database checks if account exists, finds existing account.
4		View is updated with ‘Account Exists’ message.

Exception Flow		
Step	User Actions	System Actions
1	User enters email and password.	
2	User clicks Join button.	Model catches invalid email entered.
3		View is updated with ‘Invalid Email’ message.

Other Notes (Assumptions, Issues,)
<ul style="list-style-type: none"> None

Use Case Identification and History			
Use Case ID:	UR-03		
Use Case Name:	Users can add new vehicles.	Version No:	1
End Objective:	The user adds a new vehicle to his/her account.		
Created by:	Matt Weber	On (date):	3/6/17
Actors:	User		
Frequency of Use:	One or more times per user.		

Preconditions
User has created an account and logged in.
Post-conditions
User has a vehicle added to his account, and is listed in the account view.

Basic Flow		
Step	User Actions	System Actions
1	User enters vehicle details.	

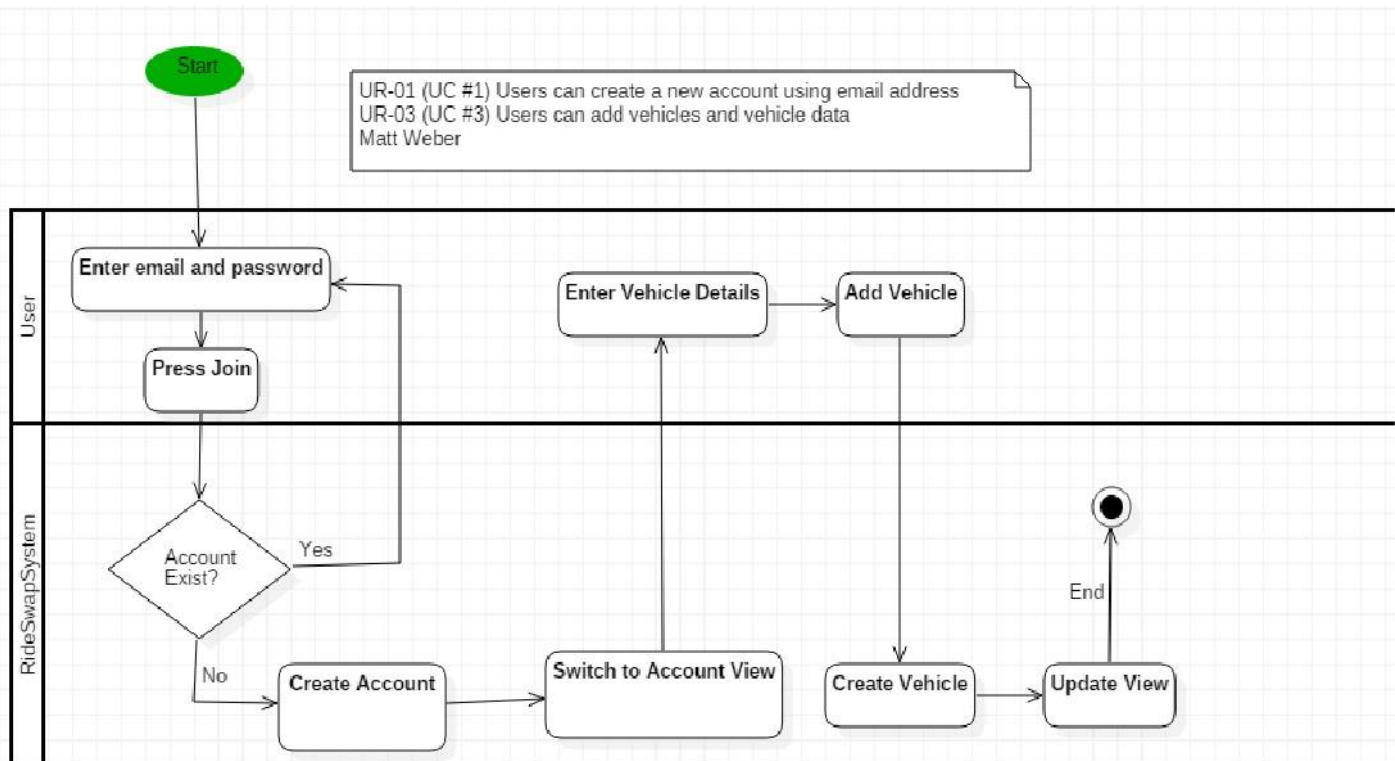
Basic Flow		
Step	User Actions	System Actions
2	User clicks Add Vehicle button.	Model confirms valid vehicle fields entered.
3		Database checks if vehicle already exists for user.
4		Vehicle is added to user account.
5		View is updated with new vehicle entry.

Alternate Flow		
Step	User Actions	System Actions
1	User enters vehicle details.	
2	User clicks Add Vehicle button.	Model confirms valid vehicle fields entered.
3		Database finds vehicle already exists.
4		View is updated with “Vehicle Already Exists” message

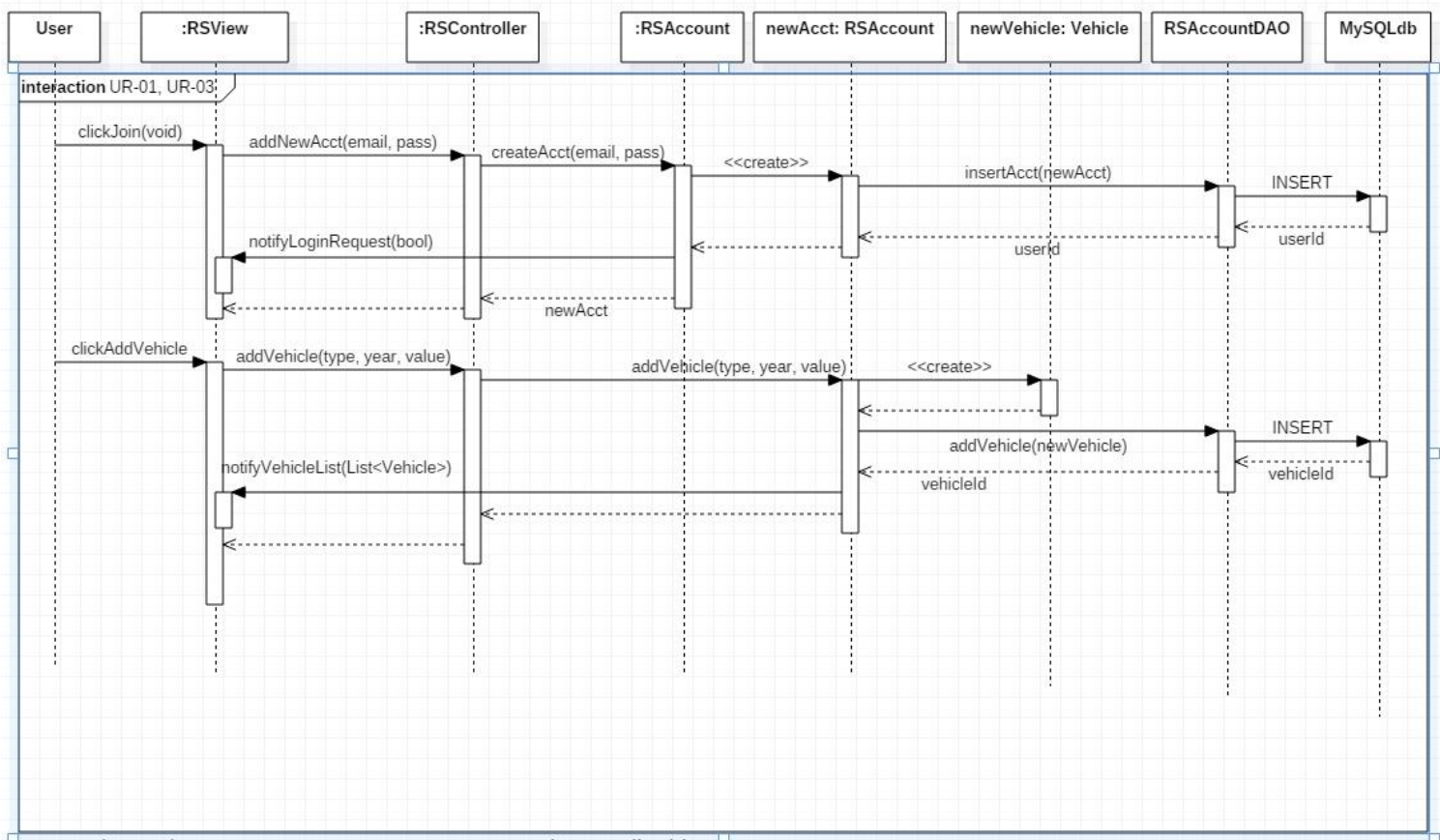
Exception Flow		
Step	User Actions	System Actions
1	User enters vehicle details.	
2	User clicks Add Vehicle button.	Model detects invalid field entry
3		View is updated with “Invalid Vehicle Data” message

Other Notes (Assumptions, Issues,)
<ul style="list-style-type: none"> We’re not going to allow users to add vehicles that have the same details.

Activity Diagram:



User Interactions:



UR-01 (UC #1) Users can create a new account using email address
 UR-03 (UC #3) Users can add vehicles and vehicle data
 Matt Weber