

**Name:** Hanna Loboda

**Project:** Swap Your Ride

**Requirements:** UR-02 Login to Account  
UR-06 Users can create swap requests

**Use Case Documents:**

UR-02

Use Case Identification and History			
Use Case ID:	UR-02		
Use Case Name:	Login to Account	Version No:	1
End Objective:	The user logs in to his/her account.		
Created by:	Hanna Loboda	On (date):	3/6/17
Actors:	User/Admin		
Frequency of Use:	Often		
Preconditions			
User has created an Account.			
Post-conditions			
User has access to default account view.			
Basic Flow			
Step	User Actions	System Actions	
1	User enters email and password.		
2	User clicks Login button.	Model confirms valid email address entered.	
3		Database checks if account exists.	
4		View is updated to default account view.	
5		Model retrieves vehicles and swap requests and updates View.	

Alternate Flow		
Step	User Actions	System Actions
1	User enters email and password.	
2	User clicks Login button.	Model confirms valid email address entered.
3		Database checks if account exists.
4		User account is listed as Admin, View is updated to Admin account view.
Exception Flow		
Step	User Actions	System Actions
1	User enters email and password.	
2	User clicks Login button.	Model confirms valid email address entered.
3		Database does not find account.
4		View is updated with “Invalid Email/Password” message.
Other Notes (Assumptions, Issues,)		
<ul style="list-style-type: none"> <li>Checking if User is blocked may also need to be added here</li> </ul>		

UR-06

Use Case Identification and History			
<b>Use Case ID:</b>	UR-06		
<b>Use Case Name:</b>	Users can create swap requests	<b>Version No:</b>	1
<b>End Objective:</b>	A swap request is created that both users can see		
<b>Created by:</b>	Hanna Loboda	<b>On (date):</b>	3/6/17
<b>Actors:</b>	User		
<b>Frequency of Use:</b>	One or more times per user.		

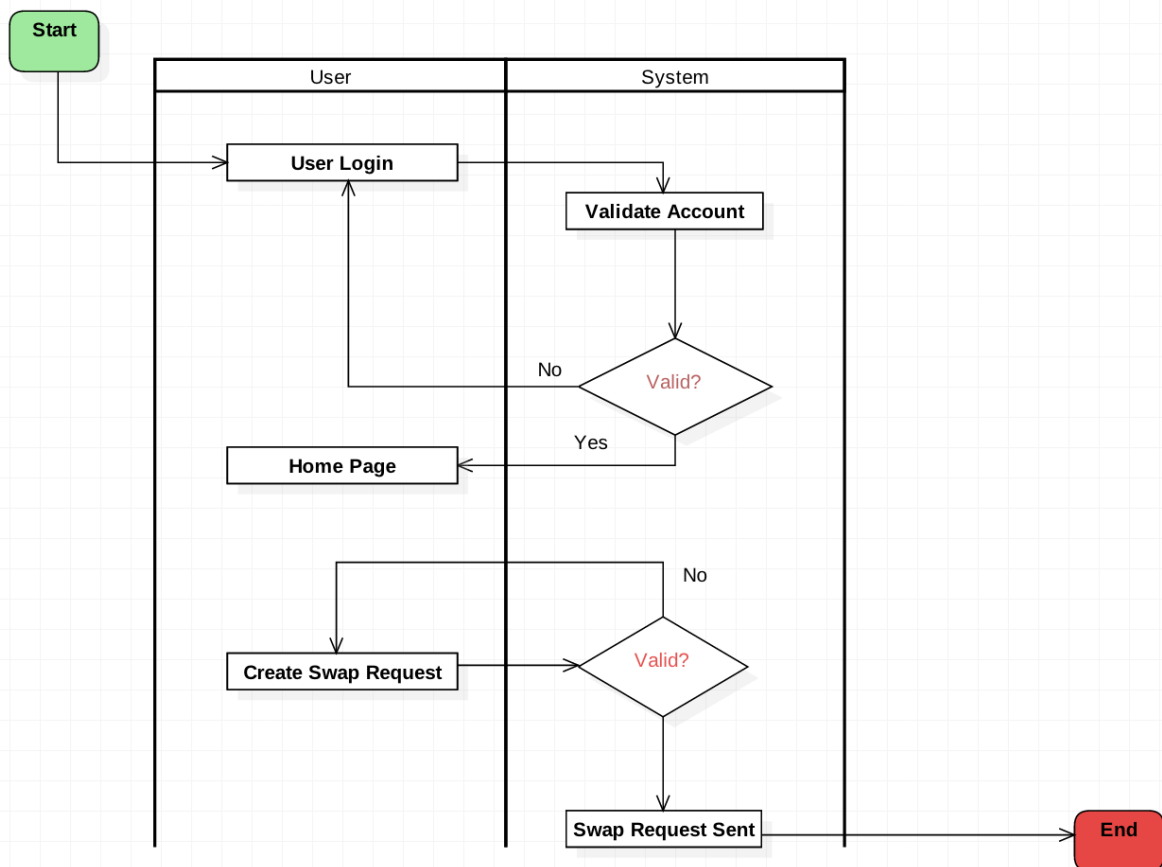
Preconditions
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User has an account and at least one vehicle added, and has a vehicle search list showing.		
<b>Post-conditions</b>		
A swap request is created, listed in sent list for user and will show up as pending in other user's acct.		
<b>Basic Flow</b>		
Step	User Actions	System Actions
1	User selects vehicle from user vehicle list.	
2	User selects vehicle from search vehicle list.	
3	User clicks Create Swap Request button.	Model checks that both vehicles are in database.
4		Model checks that no swap request exists for the two vehicles.
5		Model creates new Swap Request.
6		View is updated with new swap request in swap request sent list
<b>Alternate Flow</b>		
Step	User Actions	System Actions
1	User selects vehicle from user vehicle list.	
2	User selects vehicle from search vehicle list	
3	User clicks Create Swap Request button.	Model finds a swap request that matches
4		View is updated with "Swap Request already exists" message.

Exception Flow		
Step	User Actions	System Actions
1	User selects vehicle from user vehicle list.	
2	User selects vehicle from search vehicle list	
3	User clicks Create Swap Request button.	Model does not find one of the vehicles in database.
4		View is updated with “Vehicle not found” message.
Other Notes (Assumptions, Issues,)		
<ul style="list-style-type: none"> <li>Controller and Model will not poll for new swap requests sent by other users. User will have to refresh list on his/her own.</li> </ul>		

### Activity Diagram:

UR-02 and UR-06 User Login and Create Swap Request (Hanna Loboda)



## Sequence Diagram (User interactions):

UR-02 and UR-06: User Login and Create Swap Request (Hanna Loboda)

