

Naiki

Phase 1

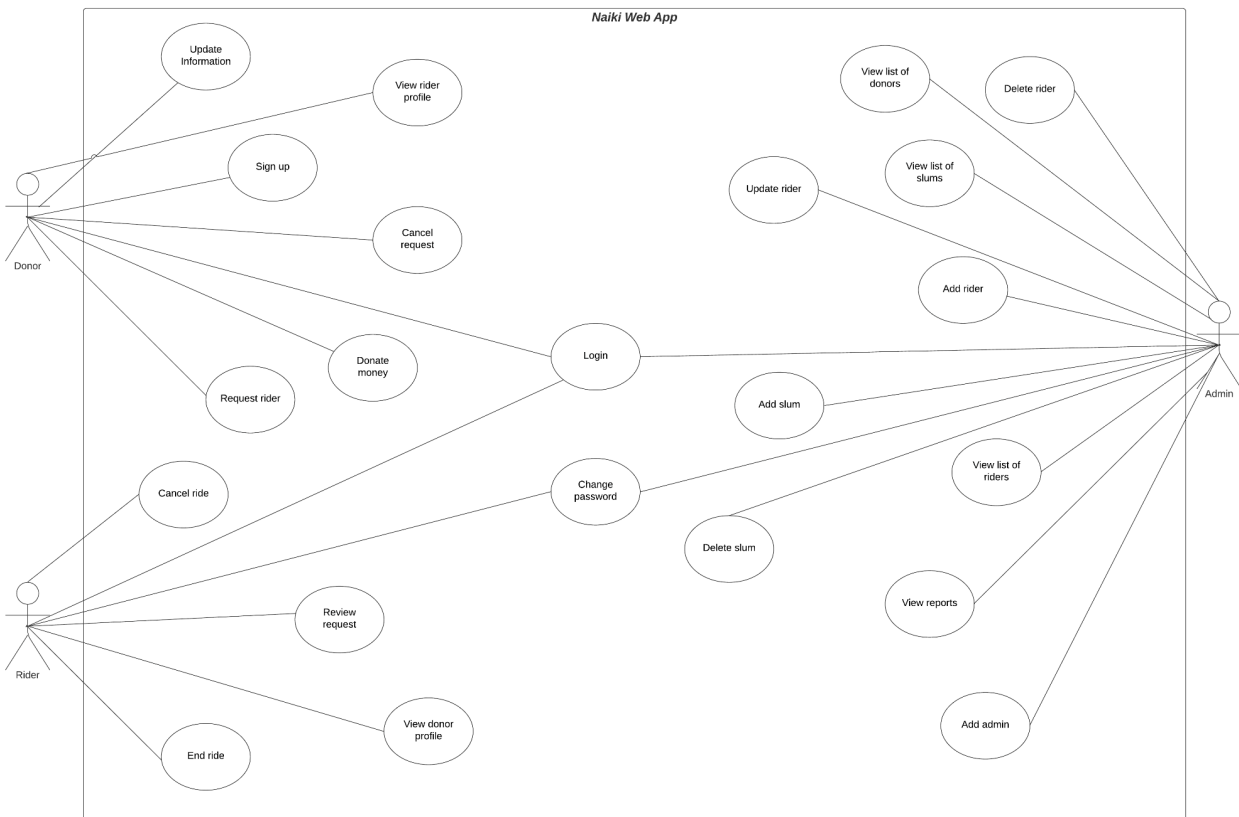
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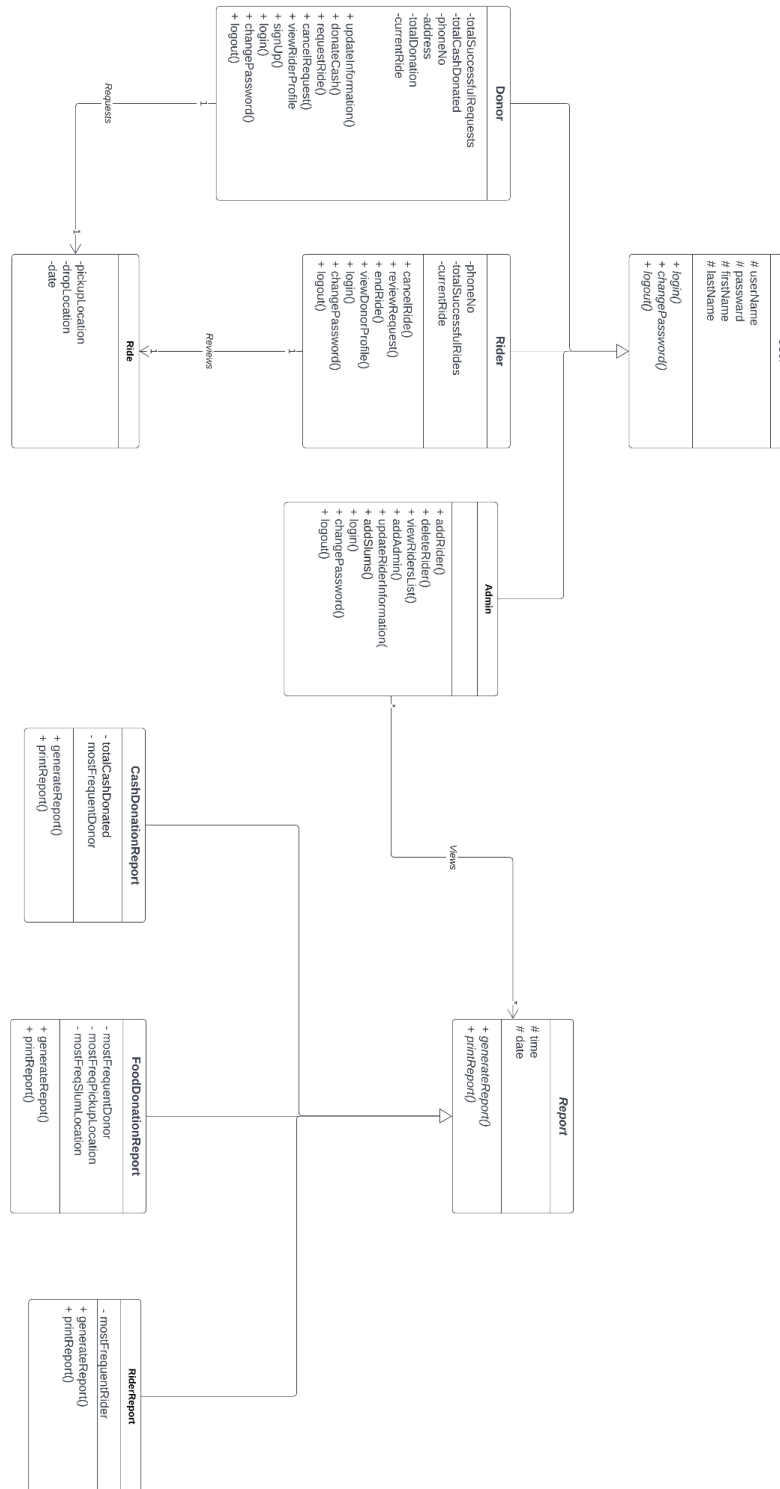
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1. Use Case Diagram



2. Analysis Class Diagram



3. UC-1: Sign Up

Identifier	UC - 1	
Name	Sign Up	
Summary	A User can create a new Donor account.	
Priority	High	
Actors	User	
Pre-condition(s)	Web Application is open.	
Post-condition(s)	The User is on the application's Home Page.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Clicks on the "Sign Up" option.	
2.		Displays fillable form.
3.	Enters information.	
4.	Clicks on the "Create" option.	
5.		Displays a confirmation message.
6.	Clicks on the "Confirm" option.	
7.		Display success message.
Alternate Course of Action (Invalid information)		
S#	Actor Action	System Response
5.		Display "Invalid Information"
	Go to step 3.	
Alternate Course of Action (Cancel Confirmation Message)		
S#	Actor Action	System Response
6.	Clicks on the "Cancel" option.	

4. UC-2: Log In

Identifier	UC - 2	
Name	Log In	
Summary	All users can log in to the web application and are directed to their relevant page.	
Priority	High	
Actors	Users	
Pre-condition(s)	None	
Post-condition(s)	The user is logged in and the system displays the relevant home page.	
Typical Course of Action		
S#	Actor Action	System Response
1		Displays type options "Donor", "Rider", or "Admin".
2	Selects relevant type.	
3		Displays prompt to enter username and password.
4	Enters username and password.	
5	Clicks on "Login".	
6		Displays relevant home page.
Alternate Course of Action 1 (Incorrect Username or Password)		
S#	Actor Action	System Response
6		Displays "Incorrect Username or Password" error message.
	Go to step 1.	

5. UC-3: Request Ride

Identifier	UC-3	
Name	Request Ride	
Summary	The Donor can request a Ride to get the food left-over picked up from the provided address.	
Priority	High	
Actors	Donor	
Pre-condition(s)	The Donor should be logged into the system.	
Post-condition(s)	The Donor is on their Home Page.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Clicks on the "Request ride" option.	
2.		Display "Finding Rider" message
3.		Displays allocated Rider's information to the Donor.
Alternate Course of Action(No Rider Available)		
S#	Actor Action	System Response
3.		Notify the Donor about the unavailability of any Rider.
	Go to step1	

6. UC-4: Cancel Request

Identifier	UC-4	
Name	Cancel Request	
Summary	The Donor can cancel their request for food leftover pickup.	
Priority	Medium	
Actors	Donor	
Pre-condition(s)	The Donor should be logged into the system.	
Post-condition(s)	The Donor is on their Home Page.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Clicks on the "Cancel" ride option.	
2.		Asks for confirmation.
3.	Clicks the "Confirm" option.	
4.		Displays a success message.
Alternate Course of Action(Cancel Confirmation)		
S#	Actor Action	System Response
3.	Clicks the "Cancel" option.	

7. UC-5: View Rider Profile

Identifier	UC-5	
Name	View Rider Profile	
Summary	The Donor can view the Riders profile throughout the ride.	
Priority	Medium	
Actors	Donor	
Pre-condition(s)	The Donor should be logged into their system and their ride is booked.	
Post-condition(s)	The Donor is on their Home Page.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Clicks on ""View profile" of the rider.	
2.		Displays rider profile.

8. UC-6: Update Information

Identifier	UC-6	
Name	Update Information	
Summary	The Donor can update their information.	
Priority	Low	
Actors	Donor	
Pre-condition(s)	The Donor should be logged into the system.	
Post-condition(s)	The Donor is on their Home Page.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Clicks on the "Update Information" option.	
2.		Display the list of the Donor's editable information.
3.	Edits desired information.	
4.	Clicks on the "Save" option.	
5.		Displays a confirmation message.
6.	Clicks on the "Confirm" option.	
7.		Displays success message.
Alternate Course of Action (Invalid Information)		
S#	Actor Action	System Response
5.		Displays "Invalid Information"
	Go to step 3	
Alternate Course of Action (Cancel Confirmation)		
S#	Actor Action	System Response
6.	Clicks the "Cancel" option.	
	Go to step 3	

9. UC-7: Donate Money

Identifier	UC-7	
Name	Donate Money	
Summary	The Donor donates a specific amount using any of the available payment methods.	
Priority	Medium	
Actors	Donor	
Pre-condition(s)	The Donor should be logged into the system.	
Post-condition(s)	The Donor is on their Home Page.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Clicks on the "Donate" option.	
2.		Asks the user to fill out donation information.
3.	Fills all the required information.	
4.	Clicks on the "Done" option.	
5.		Asks for confirmation.
6.	Clicks on the "Confirm" option.	
7.		Displays a successful donation message to the Donor.
Alternate Course of Action(Invalid Donation Information)		
S#	Actor Action	System Response
3.		Notifies the Donor about specific invalid information.
	Go to step 2	
Alternate Course of Action (Cancel Confirmation)		
S#	Actor Action	System Response
6.	Clicks the "Cancel" option.	

10. UC-8: Review Request

Identifier	UC-8	
Name	Review Request	
Summary	A Rider can review a request and accept or reject the request.	
Priority	High	
Actors	Rider	
Pre-condition(s)	Rider is logged into his account and is available to take rides.	
Post-condition(s)	Rider is on their Home Page.	
Typical Course of Action		
S#	Actor Action	System Response
1		Displays the ride details.
2	Accepts the ride.	
3		Displays Donor’s information.
Alternate Course of Action(Rejects The Request)		
S#	Actor Action	System Response
2	Rejects the request.	

11. UC-9: End Ride

Identifier	UC-9	
Name	End Ride	
Summary	Rider, after delivering the items, can end the ride.	
Priority	High	
Actors	Rider	
Pre-condition(s)	Rider is logged into his account and is currently on a ride and has reached the drop-off location.	
Post-condition(s)	Rider is available to take rides.	
Typical Course of Action		
S#	Actor Action	System Response
1	Clicks “End Ride”	
2		Displays “Ride has ended” message.

12. UC-10: Cancel Ride

Identifier	UC-10	
Name	Cancel Ride	
Summary	The Rider can cancel the ride if he has accepted it, but is unable to complete it.	
Priority	Medium	
Actors	Rider	
Pre-condition(s)	Rider is logged into his account and is currently on a ride.	
Post-condition(s)	Rider is available to take rides.	
Typical Course of Action		
S#	Actor Action	System Response
1	Clicks "Cancel" ride.	
2		Prompts for confirmation.
3	Clicks "Confirmed" option.	
4		Cancels the ride.
5		Displays "The ride is canceled" message.
Alternate Course of Action(Cancel Confirmation)		
S#	Actor Action	System Response
3	Clicks "Cancel" option.	
	Go to Step 1	

13. UC-11: View Donor's Profile

Identifier	UC-11	
Name	View Donor’s Profile	
Summary	When offered a ride, or throughout the ride, the rider can view the donor’s profile.	
Priority	Low	
Actors	Rider	
Pre-condition(s)	Rider is logged into his account and is reviewing a ride or currently on a ride.	
Post-condition(s)	The Donor’s profile is displayed to the Rider.	
Typical Course of Action		
S#	Actor Action	System Response
1		Displays Ride details.
2	Clicks on “Donor’s Profile” option.	
3		Displays Donor Profile.

14. UC-12: View Reports

Identifier	UC-12	
Name	View reports	
Summary	Admin can view weekly reports of donations, riders, etc.	
Priority	Medium	
Actors	Admin	
Pre-condition(s)	Admin must be logged in to the system.	
Post-condition(s)	Relevant reports are displayed.	
Typical Course of Action		
S#	Actor Action	System Response
1	Clicks on "View reports".	
2		Displays "Rider Report", "Food Donation Report", and "Cash Donation Report" options.
3	Selects relevant option.	
4		Displays report.

15. UC-13: Add Admin

Identifier	UC-13	
Name	Add Admin	
Summary	The Admin can give access to another new admin by creating their account.	
Priority	Low	
Actors	Admin	
Pre-condition(s)	Admin should be logged in to the system.	
Post-condition(s)	Admin is on their Home Page.	
Typical Course of Action		
S#	Actor Action	System Response
1	Clicks on the "Add Admin" option	
2		Displays a fillable form.
3	Fills in complete details of new Admin.	
4	Clicks on the "Save" option.	
5		Asks for confirmation of the decision.
6	Clicks on the "Confirm" option.	
7		Displays the "Successfully added Admin" success message.
8		Assigns a password and unique username to the new admin.
Alternate Course of Action 1 (Cancel confirmation)		
S#	Actor Action	System Response
6	Clicks on the 'Cancel' button.	
	Go to step 2.	

16. UC-14: View List of Riders

Identifier	UC-14	
Name	View List of Riders	
Summary	The Admin can view a list of Riders along with their availability status.	
Priority	Low	
Actors	Admin	
Pre-condition(s)	Admin should be logged into the system and has opened the "Riders Information Page"	
Post-condition(s)	"Riders Information Page" is opened.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Clicks 'View Riders' List' option.	
2.		Displays the list of Riders

17. UC-15: Add Rider

Identifier		UC-15
Name		Add Rider
Summary		The Admin can view a list of Riders along with their availability status.
Priority		Low
Actors		Admin
Pre-condition(s)		Admin should be logged into the system and has opened the "Riders Information Page"
Post-condition(s)		"Riders Information Page" is opened.
Typical Course of Action		
S#	Actor Action	System Response
1.	Clicks "Add Rider" option.	
2.		Displays a fillable form.
3.	Fills in complete details of Rider.	
4.	Clicks on the "Save" option.	
5.		Asks for confirmation of the decision.
6.	Clicks on the "Yes" option.	
7.		Displays a successful activation message.
8.		Displays the username and password of the new rider
Alternate Course of Action (Invalid Information)		
S#	Actor Action	System Response
5.		Displays "Invalid Information"
	Go to step 3	
Alternate Course of Action (Cancel Confirmation)		
S#	Actor Action	System Response
6.	Clicks the "Cancel" option.	

18. UC-16: Update Rider

Identifier	UC-16	
Name	Update Rider	
Summary	The Admin can update information of a Rider.	
Priority	Low	
Actors	Admin	
Pre-condition(s)	Admin should be logged into the system and has opened the "Riders Information Page"	
Post-condition(s)	"Riders Information Page" is opened.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Enters Rider's ID.	
2.		Displays complete information of the rider.
3.	Clicks the "Update Rider" option.	
4.		Displays the list of editable information of the Rider.
5.	Updates desired incormfation of the Rider.	
6.	Clicks on the "Save" option.	
7.		Asks for confirmation of the decision.
8.	Clicks on the "Confirm" option.	
9.		Displays a success message.
Alternate Course of Action (Invalid Rider ID)		
S#	Actor Action	System Response
2.		Displays "Invalid Rider ID"
	Go to step 1	
Alternate Course of Action (Invalid Information)		
S#	Actor Action	System Response

7.		Displays "Invalid Information"
	Go to step 5	
Alternate Course of Action (Cancel Confirmation)		
S#	Actor Action	System Response
9.	Clicks the "Cancel" option.	

19. UC-17: Delete Rider

Identifier	UC-17	
Name	Delete Rider	
Summary	The Admin can delete a Rider.	
Priority	Low	
Actors	Admin	
Pre-condition(s)	Admin should be logged into the system and has opened the "Riders Information Page"	
Post-condition(s)	"Riders Information Page" is opened.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Enters Rider's ID.	
2.		Displays complete information of the rider.
3.	Clicks the "Delete Rider" option.	
4.		Asks for confirmation of the decision.
5.	Clicks on the "Confirm" option.	
6.		Displays a success message.
Alternate Course of Action (Invalid Rider ID)		
S#	Actor Action	System Response
2.		Displays "Invalid Rider ID"
	Go to step 1	
Alternate Course of Action (Cancel Confirmation)		
S#	Actor Action	System Response
5.	Clicks the "Cancel" option.	

20. UC-18: Delete Slum

Identifier		UC-18	
Name		Delete Slum	
Summary		The Admin can delete a slum record.	
Priority		Low	
Actors		Admin	
Pre-condition(s)		Admin should be logged in to the system and has opened the "Slums Information Page".	
Post-condition(s)		"Slums Information Page" is opened.	
Typical Course of Action			
S#	Actor Action		System Response
1.	Enters slums's name.		
2.			Displays slum's information
3.	Clicks on the "Delete Slum" option.		
4.			Asks for confirmation.
5.	Clicks on the "Confirm" option.		
6.			Displays a success message.
Alternate Course of Action(Cancel Request)			
S#	Actor Action		System Response
5.	Clicks the "Cancel" option.		
Alternate Course of Action (Invalid Slum Name)			
S#	Actor Action		System Response
2.			Displays "No such Slum exists"
	Go to step 1		

21. UC-19: Add Slum

Identifier	UC-19	
Name	Add Slum	
Summary	The Admin can add a new Slum to the existing records.	
Priority	Low	
Actors	Admin	
Pre-condition(s)	Admin should be logged in to the system.	
Post-condition(s)	A new slum location is added to the system.	
Typical Course of Action		
S#	Actor Action	System Response
1.	Clicks on the "Add Slum" option.	
2.		Displays a fillable form.
3.	Fills in complete details of the new Slum.	
4.	Click on the "Save" option.	
5.		Asks for confirmation of decision.
6.	Clicks on "Confirm" option.	
7.		Displays "Successfully added Slum" success message.
Alternate Course of Action(Admin cancels the confirmation message)		
S#	Actor Action	System Response
6.	Clicks on 'Cancel' button	
	Go to Step 2	