

Software Engineering 2016



Group ID: B-016

FROM LEFT TO RIGHT :-RISHI RAJ SINGH BALOT (14UCS096) , SUDHANSHU SINGH (14UCS128) , VINAYAK KOTHARI(14UCS144), RAHUL CHAWLA (14UCS090), VIKAS SINGH KAVIYA (14UCS143), SHUBHAM SHARMA(14UCS120).

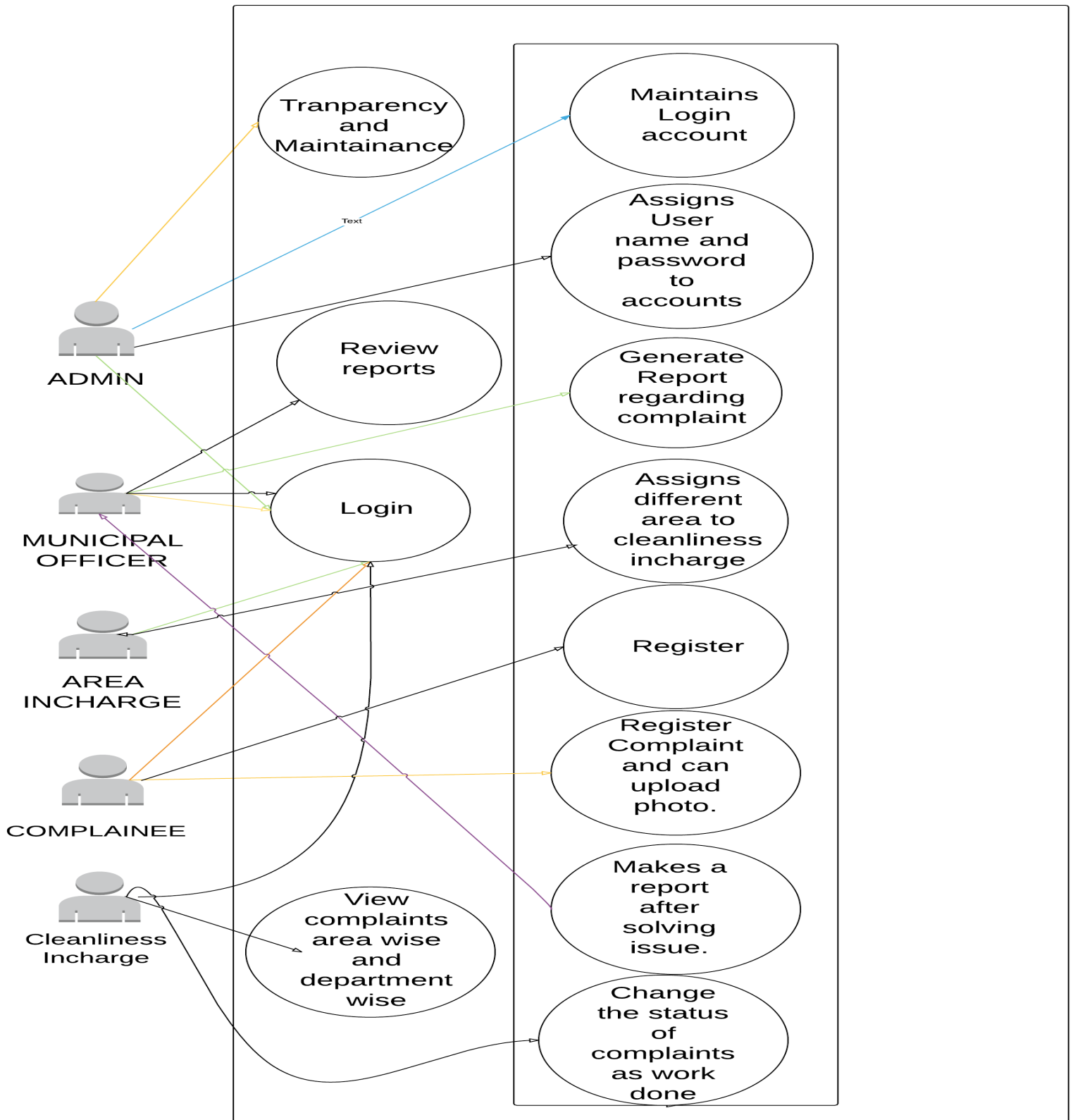
Cleanliness Forum

Product Owner: Rahul Chawla and **Scrum Master:** Vinayak Kothari

System purpose or objective :

- 1.) To address the grievances of common people regarding cleanliness management.
- 2.) To make people aware about the best hygienic conditions and make locality clean.
- 3.) The status of cleanliness would be made public so that public becomes more accountable.
- 4.) To provide user friendly platform to public where their opinions matter.
- 5.) To help government authorities to better manage the society and make India clean.
- 6.) To provide a smooth linking between public and administration.

Use case diagram - Revised



Product Backlog - Revised

Story ID	As a/an	I want to ...	so that ...	Priority (H/M/L)
001	Complainee	File new squalor complaint.	My area will be upright.	H
002	Complainee	Check the status of my complaint	I can know about the process of the complaint.	H
003	Complainee	Edit my profile.	I can update my new details .	H
004	Complainee	View complaints related to my area.	I can know the complaints of the area.	L
005	Municipal Officer	See the status of complaint.	I can pass the orders as per needed.	H
006	Municipal Officer	See the reports before and after.	Suggest improvements in way of working.	M
007	Area In charge	See the reports.	I can refer work to cleanliness team.	H
008	Area In charge	Generate the report of the complaints.	I can have clear data of processing of complaints.	M
009	Cleanliness In charge	View the complaints which were allotted to me.	We can clean the area as per registered Complaint.	H
010	Admin	Manage accounts.	Reports can be generated as per area.	L
011	Admin	Allocate municipal officer user name password.	So that every can have unique Id and assword.	M

Sprint 2 Plan - Backlog

Story ID	As a/an	I want to ...	so that ...	Estimate	Actual
001	Complainee	File new squalor complaint.	My area will be upright.	2 -3 Days	2 Days
002	Complainee	Check the status of my complaint.	I can know about the process of the complaint.	3-4 Days	1Days
004	Municipal Officer	View complaints related to my area.	Suggest improvements in way of working.	1-2 Days	2 Days
006	Area In charge	Generate the report of the complaints.	I can get the work done by the municipal Cleanliness team	2-3 Days	2 Days
008	Cleanliness In charge	See the area's where i need to take my team.	We can clean the area as per registered Complaint.	2 -3 Days	1 Days
010	Admin	Manage accounts.	All accounts should be.	3-4 Days	2 Days
011	Admin	Allocate municipal officer user name password.	So that every can have unique Id and password.	3-5 Days	1 Days

Sprint 2 Plan - Acceptance criteria and test result

Story ID	Acceptance criteria	Test Result
001	1.) Locality entered should exist.	Accepted
	2.) Negligible Squalor should not be Ignored.	Rejected
004	1.) Area should be valid.	Accepted
002	1.) Entered complaint should exist.	Accepted
	2.) Photo should be proper format.	Reject
006	1.) Area should be valid.	Accepted
008	1.) Employees should be available.	Accepted
012	1.) Municipal officer should exist.	Accepted
	2.) Password should follow the constraints.	Rejected

Comments on How Personas were used in the UI/UX design

(Ramsey Bolton) – Vinayak Kothari(14UCS144)

Ramsey Bolton is very much enthusiast about removing squalor from city. He was once taunted by some foreigner about cleanliness in India. After that he became very enthusiast about cleanliness. He even reported this to government and by his influence this site has been developed and he is active user on this site.

(Harvey Specter) – Rahul Chawla (14UCS090)

Harvey has found that garbage is not being removed around his law firm so he will be registering a complaint and would be keeping track of his complaint. He will be able to see status of his complaints.

(Jon Snow)- Shubham Sharma (14UCS120)

Jon Snow treats patients suffering from various diseases caused by squalor. So, he will be registering complaint near the hospital. He will be able to keep track of his complaint.

(Atmaram Tukaram Bhide) – Rishi Raj Singh Balot(14UCS096)

Atmaram Tukaram Bhide is a society secretary. His society has a park which is used by all generations of and everyone is suffering from Garbage and Loitering.. So, he want be able to register a complaint for cleaning his society park. He can also track progress of his complaint by checking the status corresponding to his complaint number.

(Malaram Chotu) Vikas Singh Kaviya(14UCS143)

Malaram chotu is an aware youth dedicated toward cleanliness of his village. He is frustrated by non-cleanliness of his village. he will be able to register complaints about non-cleanliness of village and make his village clean. He will be able to keep track of his complaints. as an educated youth he use this forum actively to spread cleanliness message in his village.

(Ravish Kumar) Sudhanshu Singh(14CUS128)

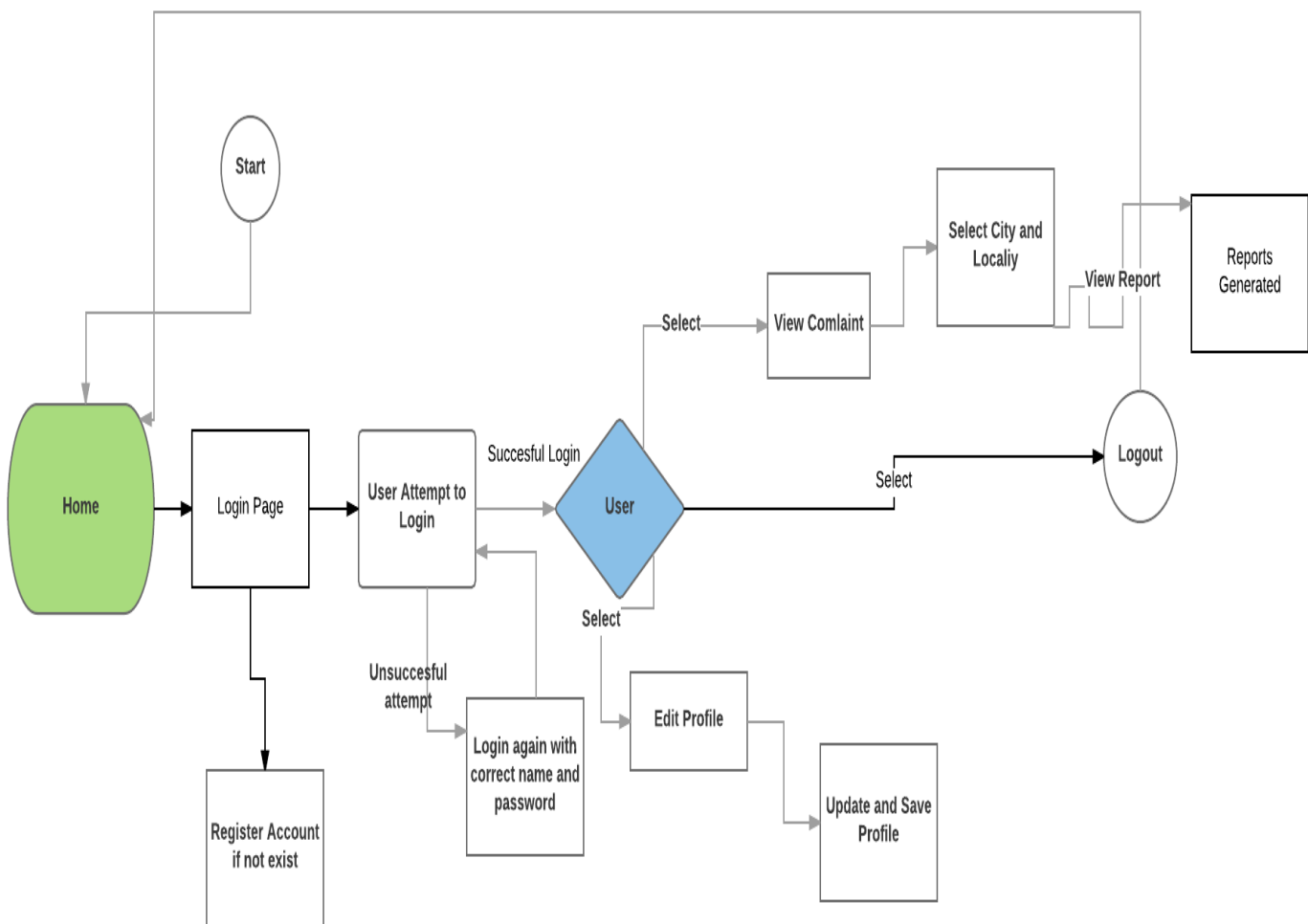
Ravish Kumar has found garbage near his locality. He registers a complaint through cleanliness forum by providing description.

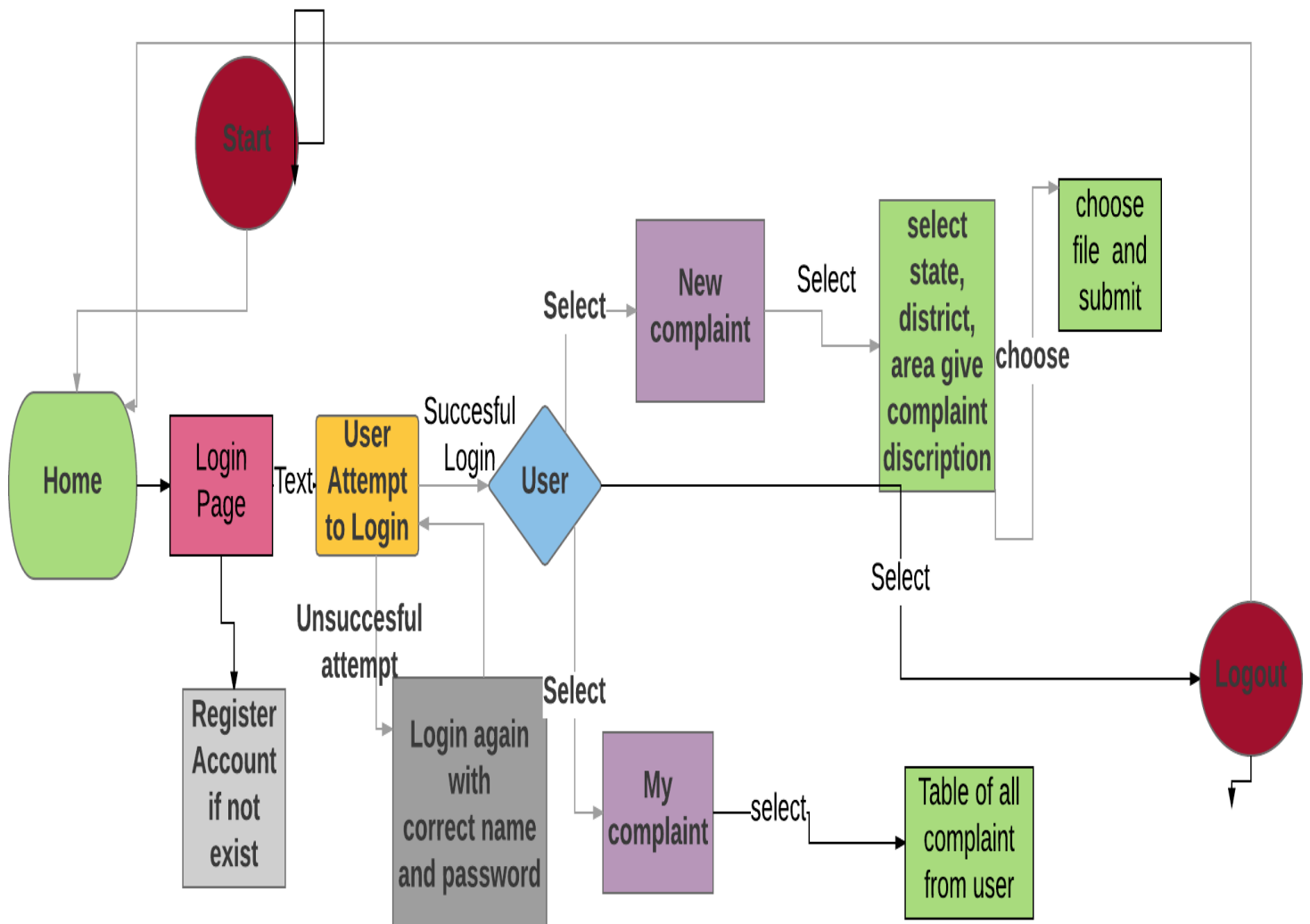
Activity diagrams - Revised

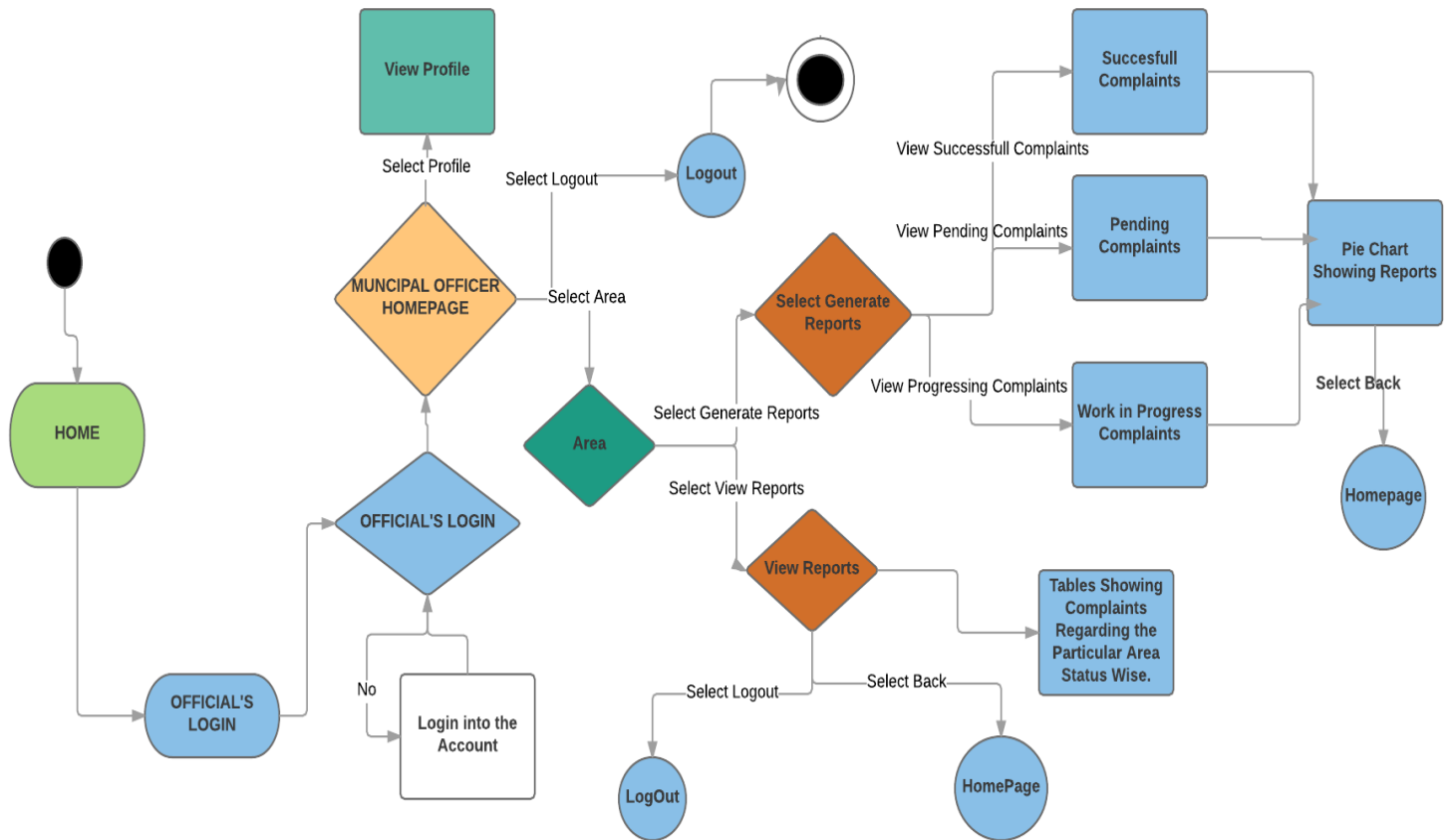
<Approximately one for each team member with correct notation; diagrams should include business activities/operations – not UI navigation and concepts>

Vinayak Kothari(14UCS144)

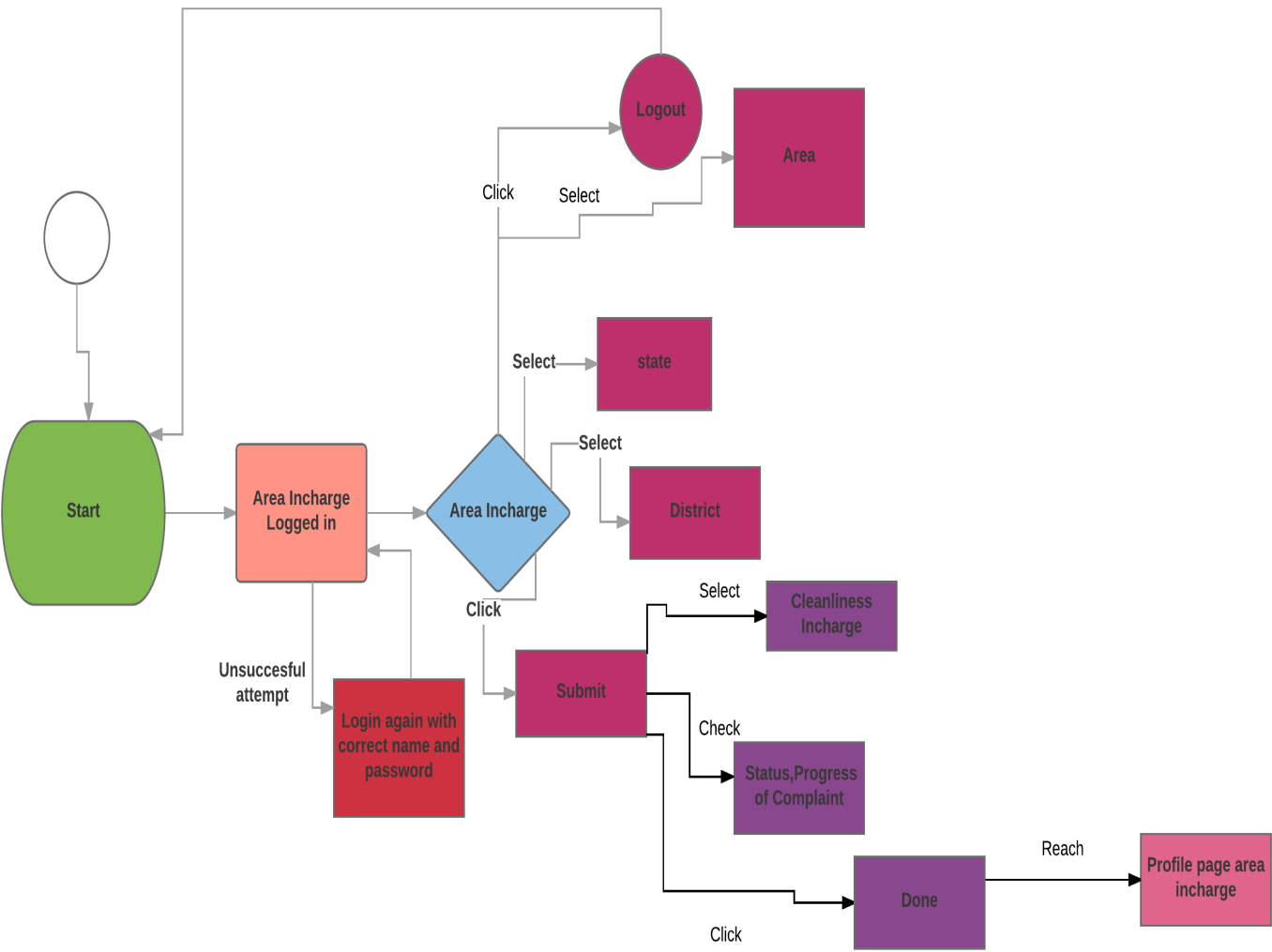
VINAYAK KOTHARI

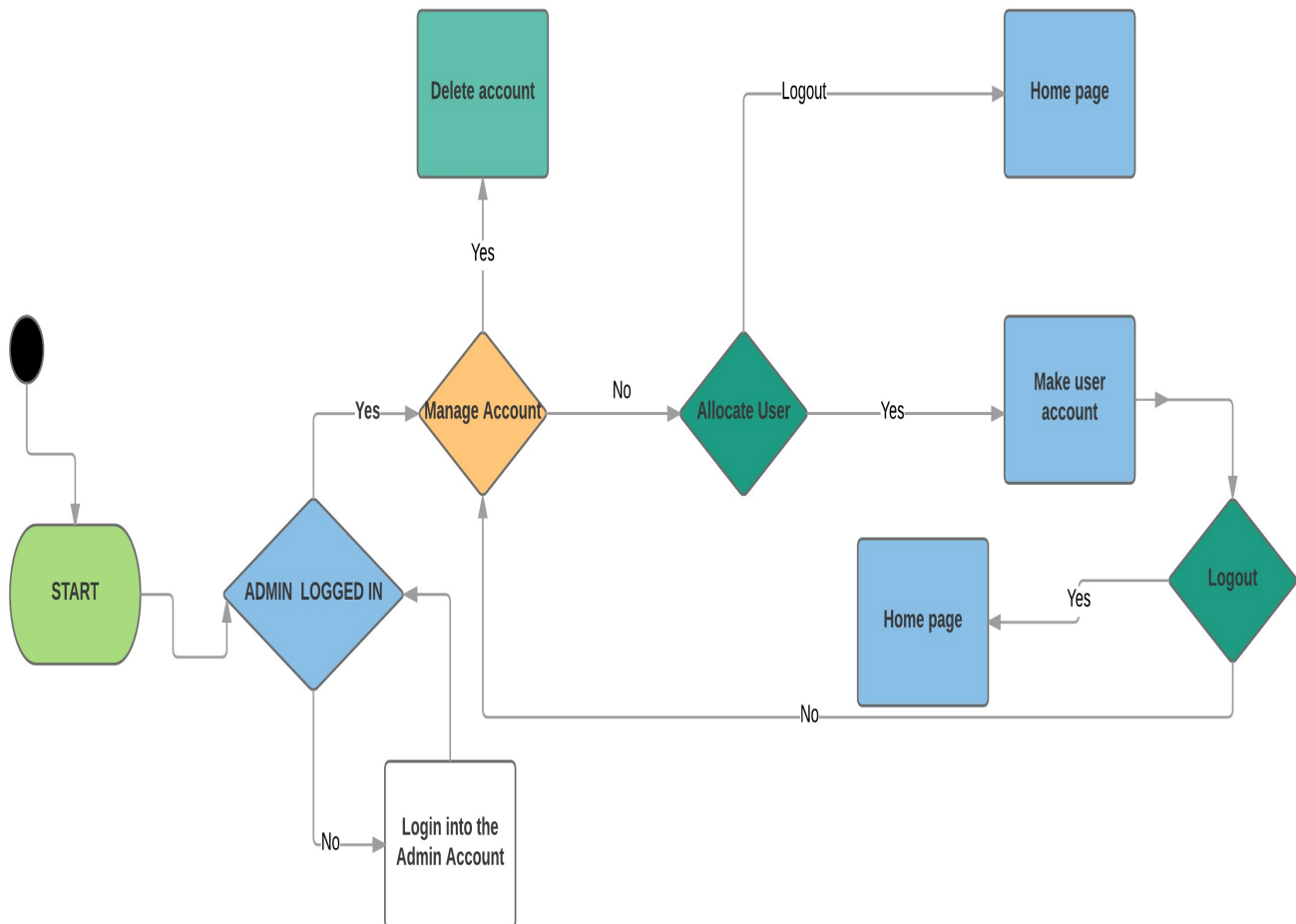


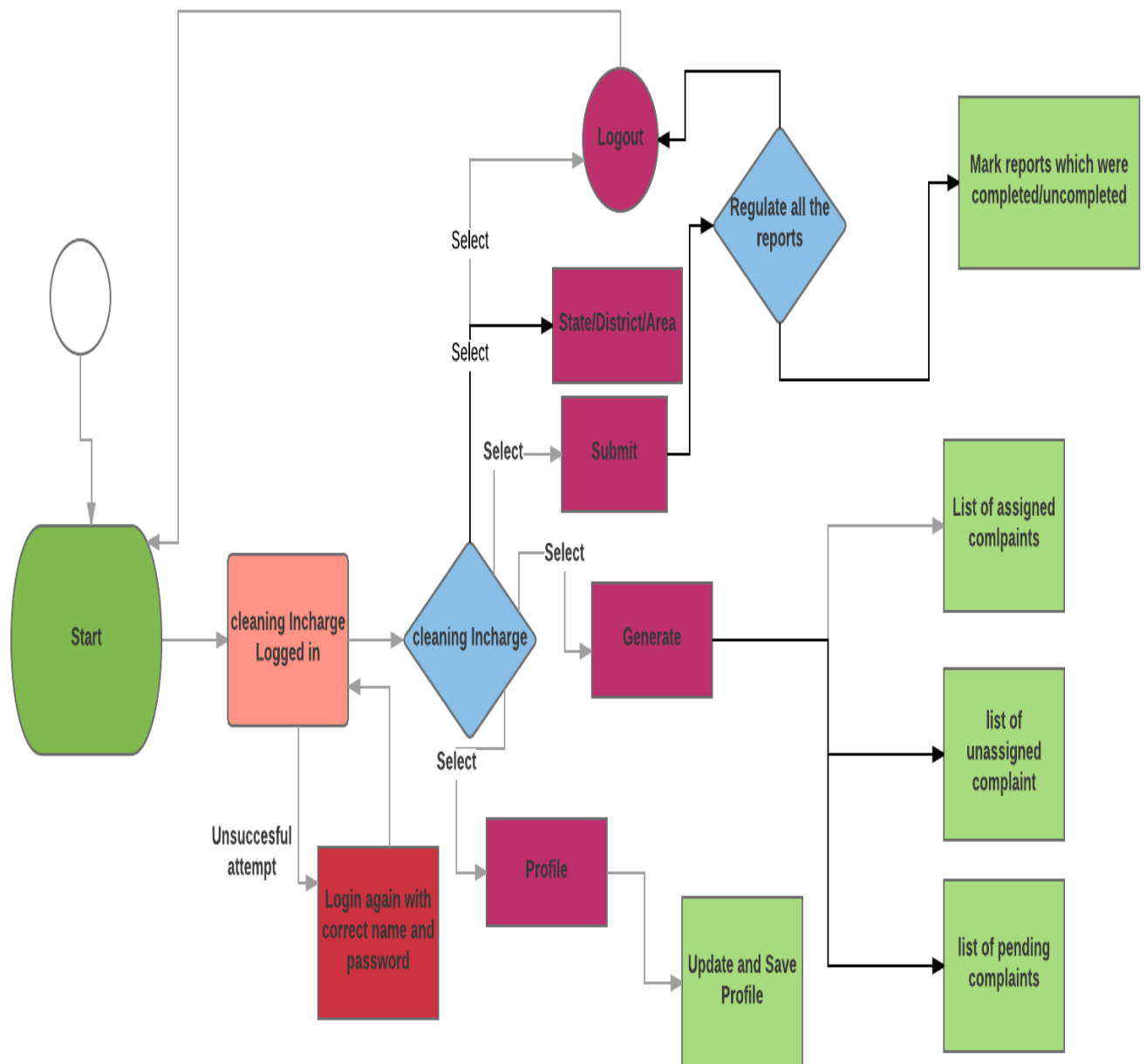


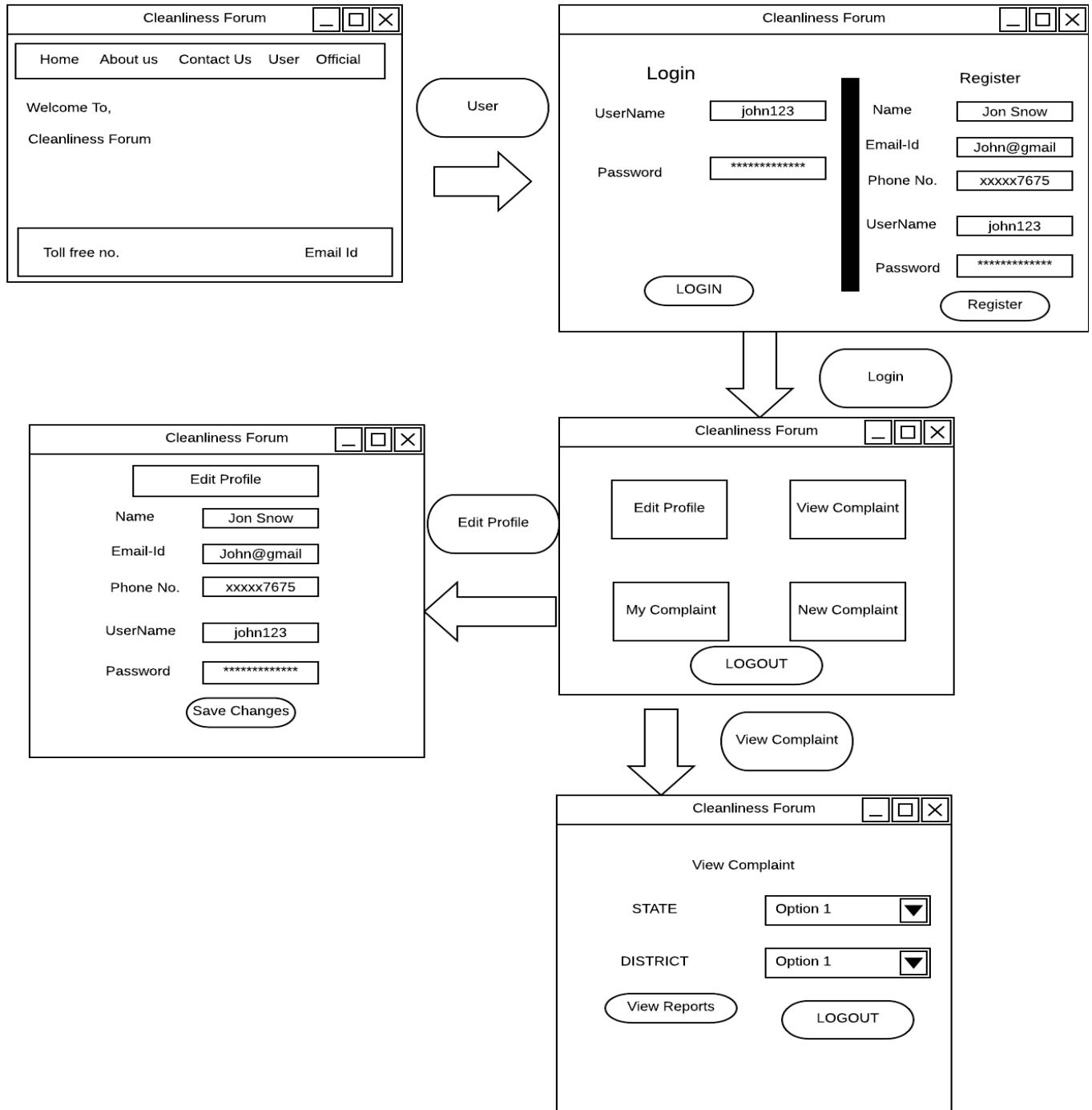


ACTIVITY_DIAGRAM_RAHUL_SPRINT2

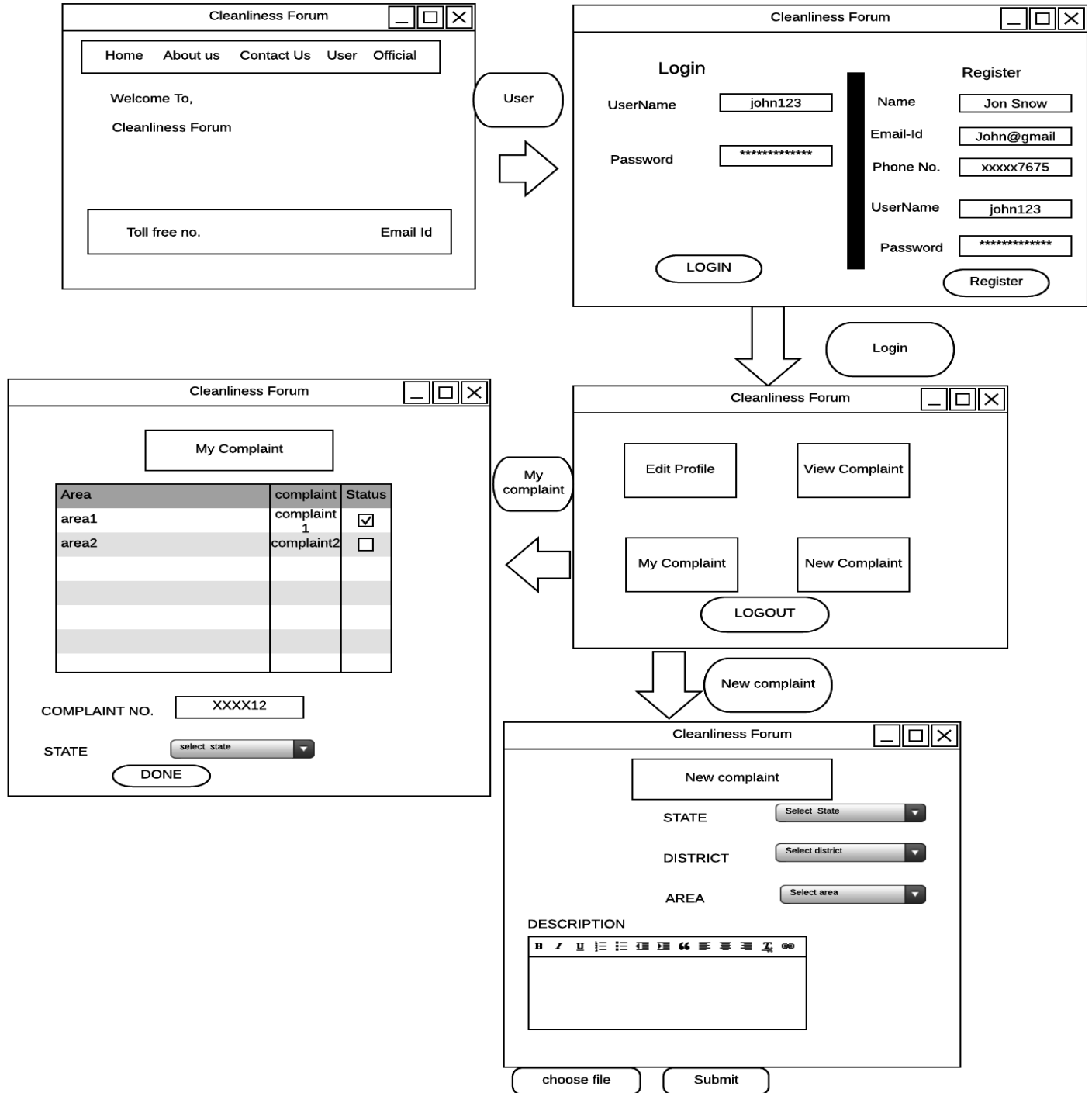




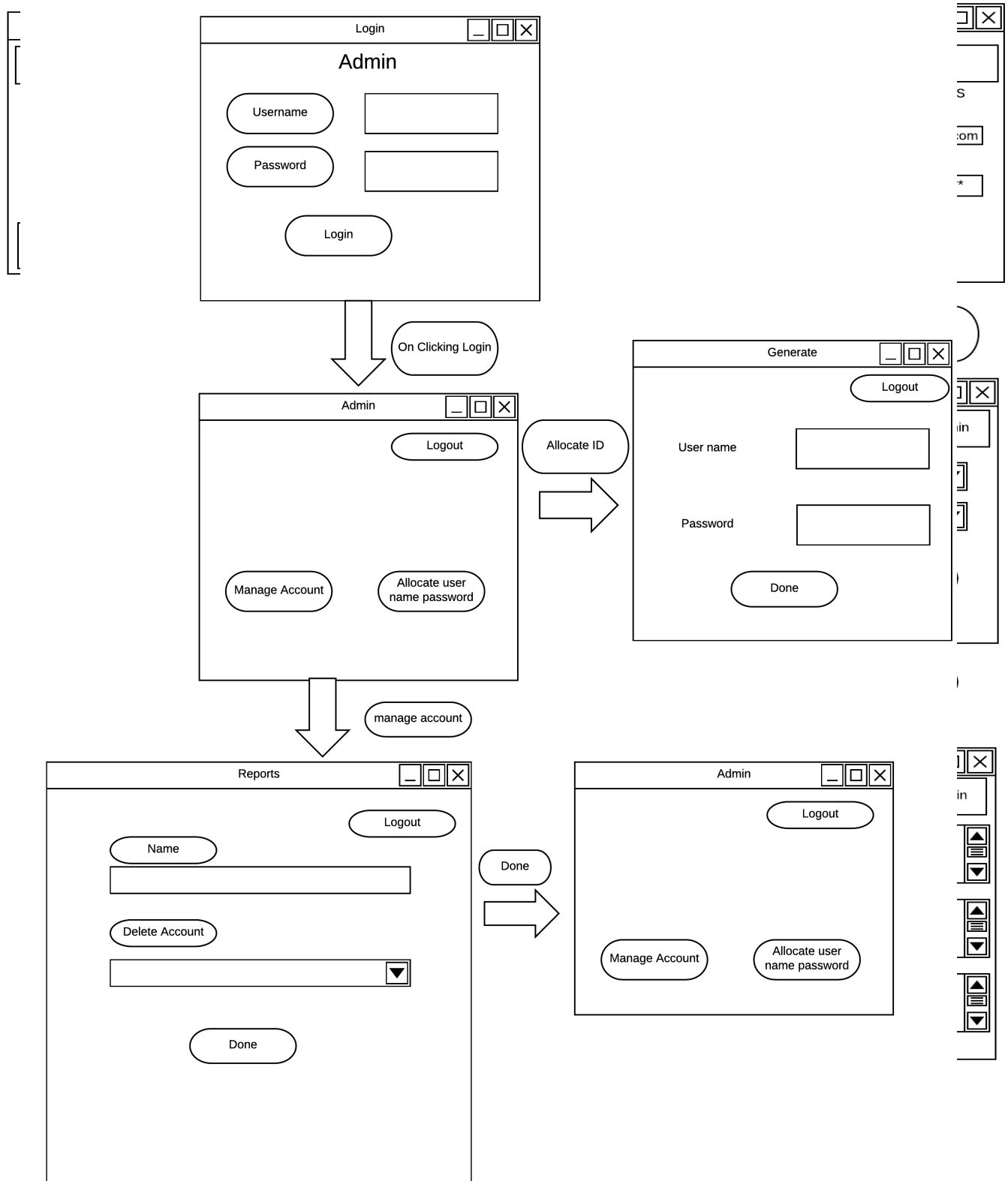




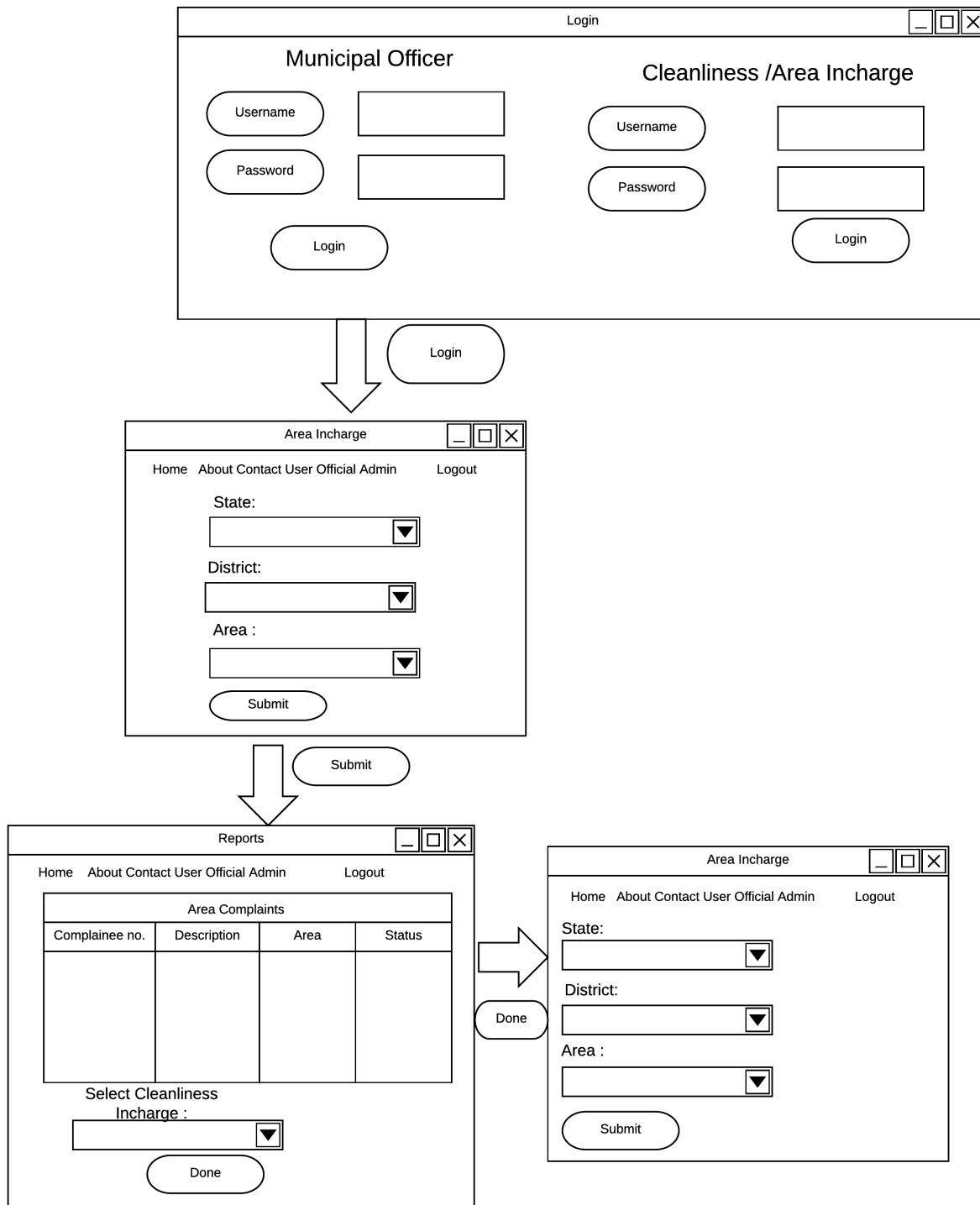
VIKAS SINGH KAVIYA

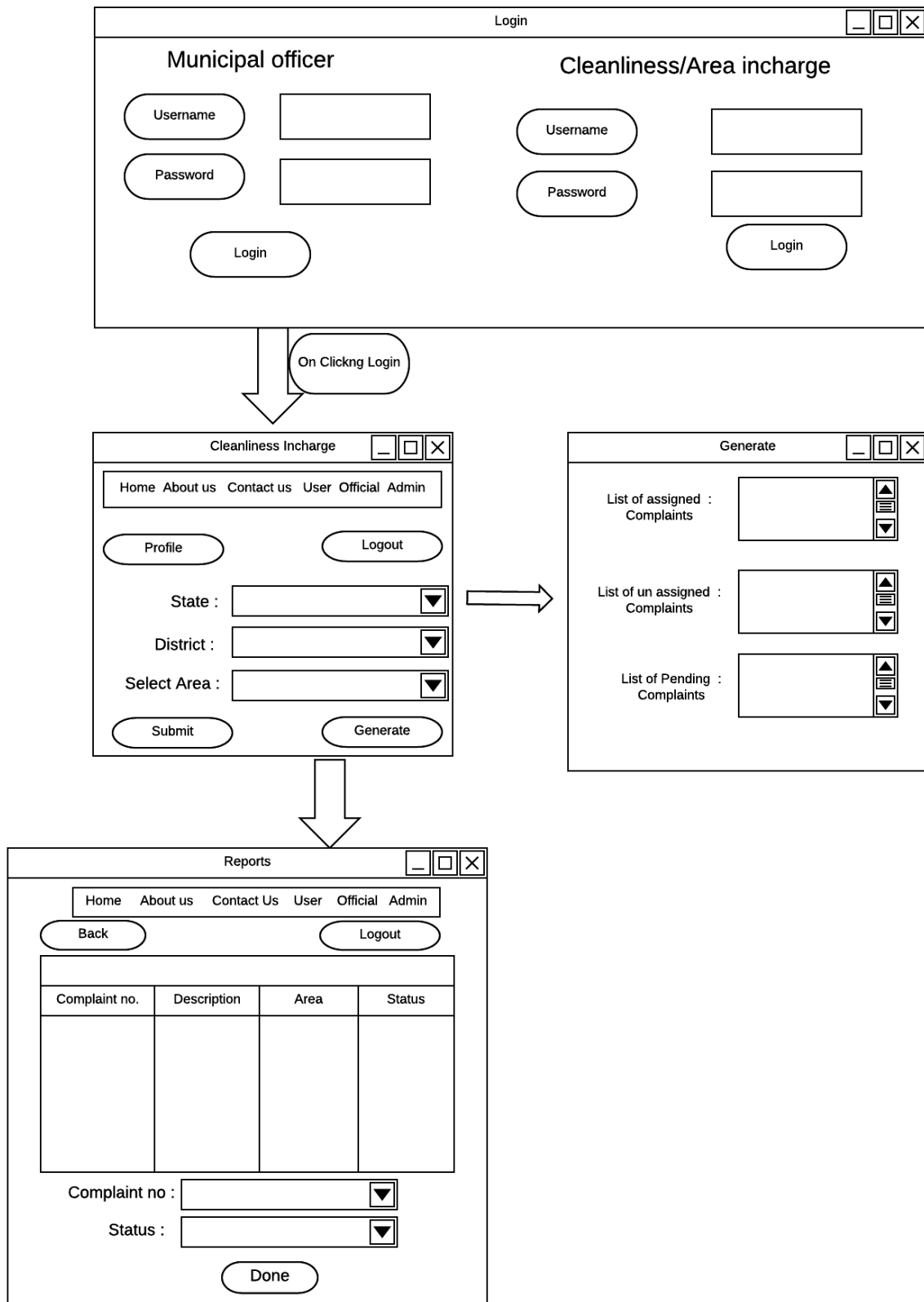


Rishi Raj Singh Balot(14UCS096)



Shubham Sharma(14UCS120)





Class diagram – Revised and Extended



Scrum Minutes of the Meeting (Two entries per week for each team member)
Sprint 2 – Week 1

Team member	Work completed	Work planned	Impediments
Vinayak Kothari (14ucs144)	UI / UX Wireframe (Complainer) , Activity Diagram (Complainer-Login as user, edit profile and view area complaints)	UI / UX Wireframe , Activity Diagram	No problems faced in implementing UI wireframes and Activity Diagram.
Rahul Chawla (14ucs090)	UI / UX Wireframe (Area Incharge) , Activity Diagram (Area Incharge-Assign cleanliness incharge for specific location)	UI / UX Wireframe, Activity Diagram	No problems faced in using Lucid chart
Rishi Raj Singh Balot (14ucs096)	UI / UX Wireframe (Municipal Officer) , Activity Diagram (Municipal Officer- Generate statistics)	UI / UX Wireframe, Activity Diagram	As not able to get premium Lucid chart account not able to use all tools.
Vikas Singh Kaviya (14ucs143)	UI / UX Wireframe (Complainer) , Activity Diagram (Complainer- Login user,complaint status and file new complain)	UI / UX Wireframe, Activity Diagram	Very little trouble as both the tasks were practiced in adequate amount in class.
Shubham Sharma (14ucs120)	UI / UX Wireframe (Admin) , Activity Diagram (Admin – Manage all user and officials account)	UI / UX Wireframe, Activity Diagram	Sprint1's practice made it quite easy in designing wireframes and activity diagram was improved.
Sudhanshu Singh (14ucs128)	UI / UX Wireframe (Cleanliness Incharge) Activity Diagram (Cleanliness Incharge- View allotted complaint and take action accordingly)	UI / UX Wireframe, Activity Diagram	Difficulty in designing the whole business activity of police.

Sprint 2 – Week 2

Team member	Work completed	Work planned	Impediments
VInayak Kothari (14ucs144)	Class Diagram, Acceptance and testing criteria (Complainer)	Class Diagram , Acceptance and testing criteria.	Difficulty in deciding the appropriate acceptance and testing criteria. Problem in identifying methods of complainer.
Rahul Chawla (14ucs090)	Class Diagram, Estimate and actual points (Area Incharge)	Class Diagram, Estimate and actual points.	Problem in estimating. Problem in determining methods to design for area incharge
Rishi Raj Singh Balot (14ucs096)	Class Diagram, Estimate and actual points. (Municipal Officer)	Class Diagram, Estimate and actual points.	Problem in implementing Class Diagram.
Vikas Singh Kaviya (14ucs143)	Class Diagram, Acceptance and testing criteria. (Complainer)	Class Diagram, Acceptance and testing criteria.	Faced difficulty in choosing suitable validation points and corresponding estimation points.
Shubham Sharma (14ucs120)	Class Diagram, Acceptance and testing criteria. (Admin)	Class Diagram, Acceptance and testing criteria.	Faced problem in making testing criteria.
Sudhanshu Singh (14ucs128)	Class Diagram, Estimate and actual points. (Cleanliness Incharge)	Class Diagram, Estimate and actual points.	Difficulty in choosing user story for sprint 2.

Sprint 2 – Week 3

Team member	Work completed	Work planned	Impediments
VInayak Kothari (14ucs144)	Sprint Backlog, Remaining work and report (Complainer)	Sprint Backlog , Remaining work and report.	Difficulty in deciding priorities of Complainer
Rahul Chawla (14ucs090)	Sprint Backlog, Remaining work and report (Area incharge)	Sprint Backlog, Remaining work and report.	Couldn't complete as expected.
Rishi Raj Singh Balot (14ucs096)	Sprint Backlog, Remaining work and report (Municipal Officer)	Sprint Backlog, Remaining work and report	Difficulty in dynamically retrieving data from database.
Vikas Singh Kaviya (14ucs143)	Sprint Backlog, Remaining work and report. (Complainer)	Sprint Backlog, Remaining work and report	No problem were faced in completing work
Shubham Sharma (14ucs120)	Sprint Backlog, Remaining work and report (Admin)	Sprint Backlog, Remaining work and report	Couldn't complete as expected.
Sudhanshu Singh (14ucs128)	Sprint Backlog, Remaining work and report. (Cleanliness Incharge)	Sprint Backlog, Remaining work and report.	Couldn't complete as expected.

Sprint 2 Summary

Video Link : https://youtu.be/BtMwD_dPAVI

Website Link: <http://hikecoupon.com/test/SWE/project.html>

Review Summary (about the product)

1	In week 1 We increased the number of use cases and improved the UI/UX according to Dr. Narsimha Balloju reviews.
2	In week 1 We increased the number of use cases and improved the UI/UX according to Dr. Narsimha Balloju reviews.
3	In week 3 we learned Php for backend of our website

Retrospective Summary (about the process)

1	After week one we are comfortable in designing UI/UX.
2	After making the Activity Diagram and Wireframe Design, we were comfortable in using Lucid Chart.
3	We were comfortable in php .

