Software Engineering 2016

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

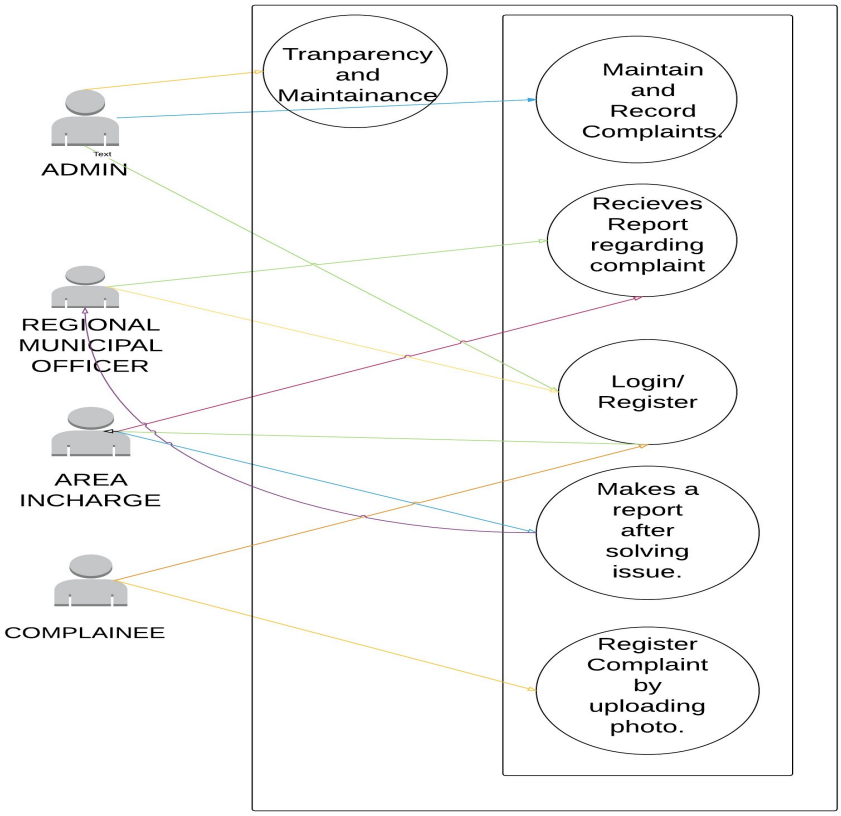
Group ID: B-016

Cleanliness Forum

Product Owner: Rahul Chawla and **Scrum Master**: Rishi Raj Singh Balot

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 become more accountable.

Use case diagram



Product Backlog

Story ID	As a/an	I want to …	so that …	Priority (H/M/L)
001	Complainee	Report a complaint.	My area is cleaned.	H
002	Complainee	See the status of my complaint	I become aware about the progress of my complaint.	H
003	Complainee	Upload a photo	My complaint is registered.	H
004	Municipal Officer	I want to see the status of complaint.	I can pass the orders as per needed.	H
005	Municipal Officer	See the reports before and after.	Suggest improvements in way of working.	M
006	Area Incharge	See the complaints registered in my area.	I can get the work done by the municipal	H

			Cleanliness team	
007	Area Incharge	Send the reports after clearing the Issue related to complaint.	It can be sent to the higher authorities and Updated on the forum.	M
008	Cleanliness Incharge	See the area's where i need to take My team.	We can clean the area as per registered Complaint.	H
009	Cleanliness Incharge	Upload the photos after cleaning the Area.	Status of the complaint can be updated.	M
010	Admin	Handle the complaints	Reports can be generated as per area.	L
011	Admin	Send reports to municipal officer	He can see the	M

			current status of all complaints.	
012	Admin	Update the status of complaints.	Send the updated report to municipal officer.	L
013	Admin	Send reports to area incharge	He / she can get the area clean.	M
014	Admin	Assign municipality teams to different area	They can clean the area and upload the photo.	L

Sprint 1 Plan - Backlog

Story ID	As a/an	I want to …	so that …	estimate	
001	Complainee	Report a complaint .	My area is cleaned.	2 -3Days	
002	Complainee	See the status of my complaint	I become aware about the progress	3-4 Days	
004	Municipal Officer	I want to see the status of complaint.	I want to see the status of complaint.	1-2 Days	
006	Area Incharge	See the complaints registered in my area.	I can get the work done by the municipal Cleanliness team	2-3 Days	
008	Cleanliness Incharge	See the area's where i need to take my team.	We can clean the area as per registered Complaint.	2 -3 Days	

010	Admin	Handle the complaints	Reports can be generated as per area.	1-2 Days	
012	Admin	Update the status of complaints.	Send the updated report to municipal officer.	3- Days	

Sprint 1 Plan - Acceptance criteria and test result

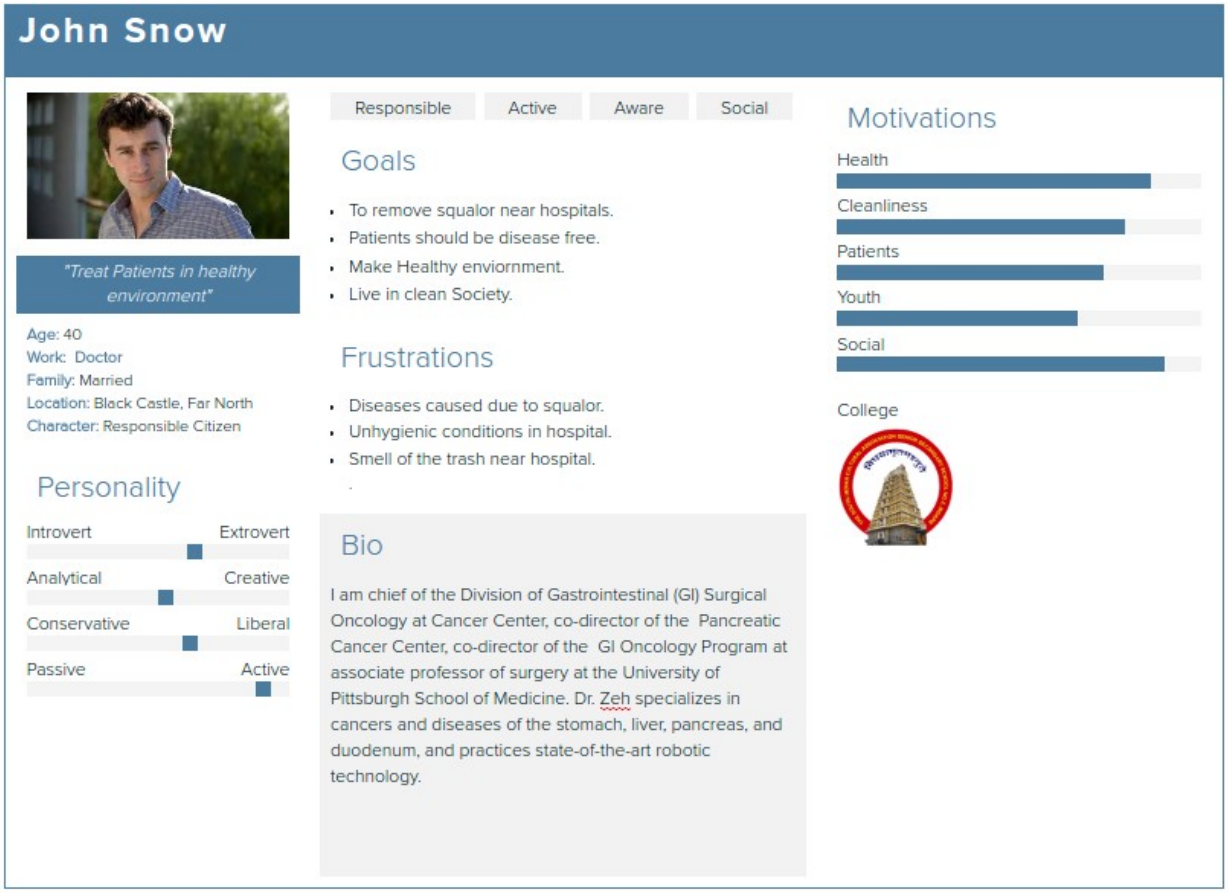
Story ID	Acceptance criteria	Test Result
001	Location Entered should be proper and phone number submitted should be valid number.	
002	Check whether it is in progress or completed	
004	Check statistics of pending and succesful complaints	
006	Whehter house number is provided or not and image matches to that area or not.	
008	Whether the area corresponds to his allocated area.	
010	Complaints should be by verified users which belong to that particular area.	
012	Only comlapints which have been completed and verified neec to be updated	

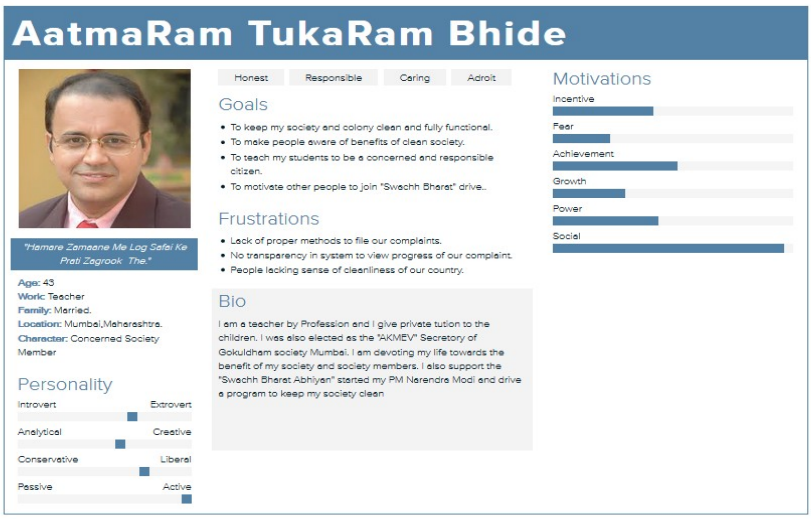
Personas

Vinayak Kothari :

Shubham Sharma :

Rishi Raj Singh Balot





Sudhanshu Singh :

Ravish Kumar

"A stunning media person dedicated toward social welfare "

Age: 45
Work: media person
Family: married
Location: Jaipur
Character: social reformer

Personality

Introvert	Extrovert
Analytical	Creative
Conservative	Liberal
Passive	Active

aware | responsible | media person | social

Goals

- To run some shot of cleanliness campaign.
- Make people aware about benefits of cleanliness.
- To accelerate Sawachh Bharat mission .
- To maintain a data about cleanliness in INDIA.

Frustrations

- Media don't have proper data about the cleanliness of India.
- Not finding any sort of platform to complain about running condition of cleanliness in the city.
- all available solutions to complain about cleanliness till date are not that much efficient .
- governments are not doing well for cleanliness campaigns due to communication gaps with public .

Bio

I (born 5 December 1974) am journalist and writer who covers topics pertaining to Indian politics and society. I am the senior executive editor at NDTV India. I am Noticed mostly for his offbeat approach in explaining the contemporary plight of society. Very dedicated toward cleanliness campaign in India. I launched a campaign dedicated toward cleanliness.

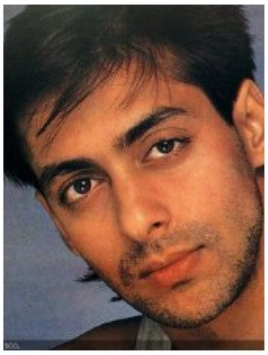
Motivations

Incentive
Run cleanliness campaign
Spread Awareness
Development of INDIA
Social

Vikas

Kaviyya :

Malaram Chotu



"An aware youth dedicated toward cleanliness ."

Age: 18
Work: Student
Family: unmarried
Location: jaipur
Character: Aware youth.

Personality

Introvert	Extrovert
Analytical	Creative
Conservative	Liberal
Passive	Active

youth | clean India | village | social

Goals

- To make my village cleanest.
- As an educated and aware youth, to spread awareness toward cleanliness.
- To volunteer clean INDIA mission .

Frustrations

- Non-cleanliness of village causes diseases in the village.
- not availability of any sort of platform forum complain.
- pollution problem in Increasing with a higher pace .
- less awareness of people toward cleanliness .

Bio

I am an undergrad student IIT Hyderabad. currently volunteering at clean INDIA campaign. I am dedicated toward social welfare.

Motivations

Incentive
clean India campaign
awareness
Growth
Social

Brands

IIIT, HYDERABAD

Rahul Chawla :

Harvey Specter

"Work until you no longer have to introduce yourself"

Age: 35
Work: Lawyer
Family: Unmarried
Location: Smart City

Personality

Introvert	Extrovert
Analytical	Creative
Conservative	Liberal
Passive	Active

Responsible | Active | Courageous | Street Smart

Goals

- To ensure cleanliness around law firms.
- Clients should feel comfortable walking around the corners.
- No garbage near attorney office.

Frustrations

- Lack of cleanliness near law firms.
- .Stinking garbage in nearby disposals.
- Mosquitoes due to garbage and waste materials.

Bio

Harvey Specter is a lawyer and name partner at Pearson Specter Litt. After being promoted to the position of senior partner at Pearson Hardman, he hired Mike Ross, a veritable genius who was able to pass the bar exam despite not attending law school, as his associate.After graduating 5th in his class from Harvard Law,he worked as an Assistant District Attorney (ADA) under Attorney Cameron for the next 2 years.He is the best closer in the city and specializes in setting cases.

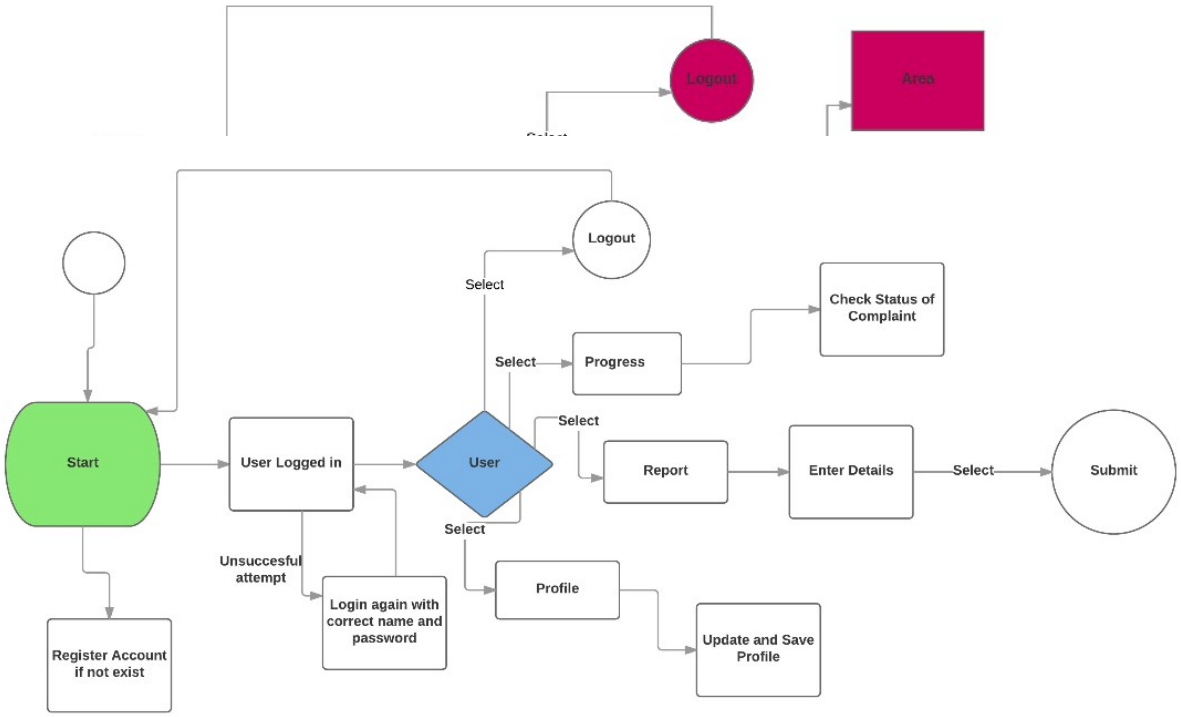
Motivations

Incentive
Achievement
Growth
Power
Social

Brands

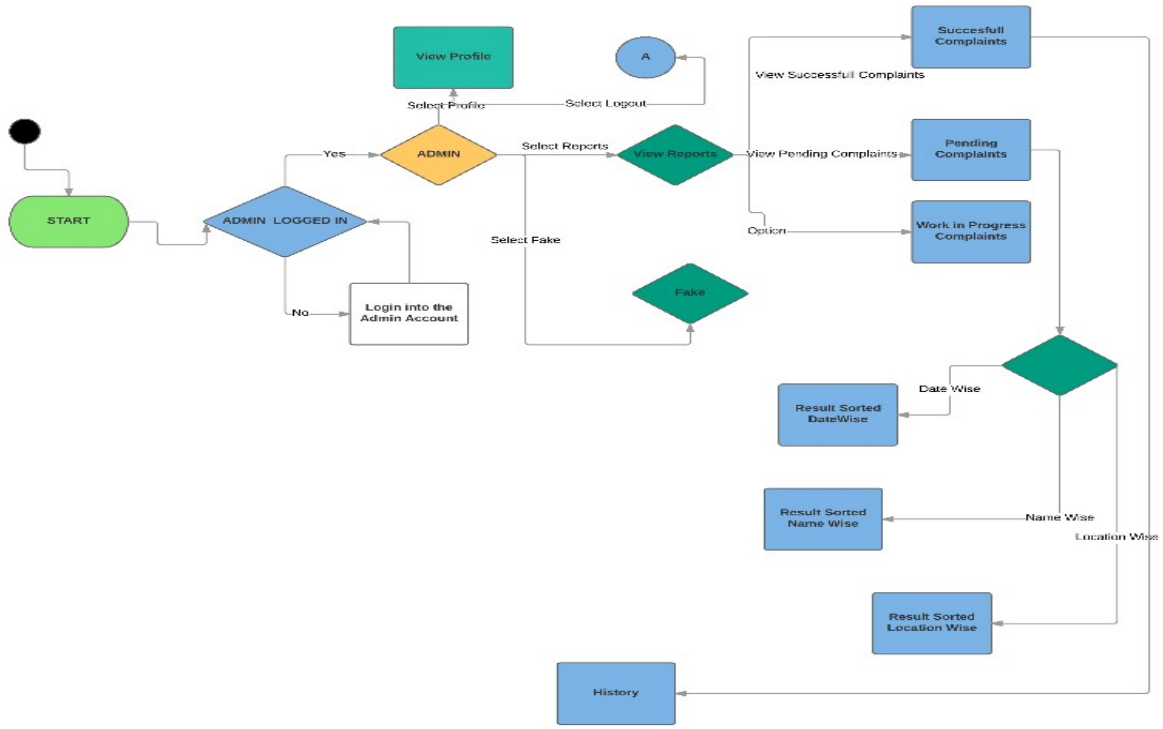
Activity diagrams

Rahul Chawla :

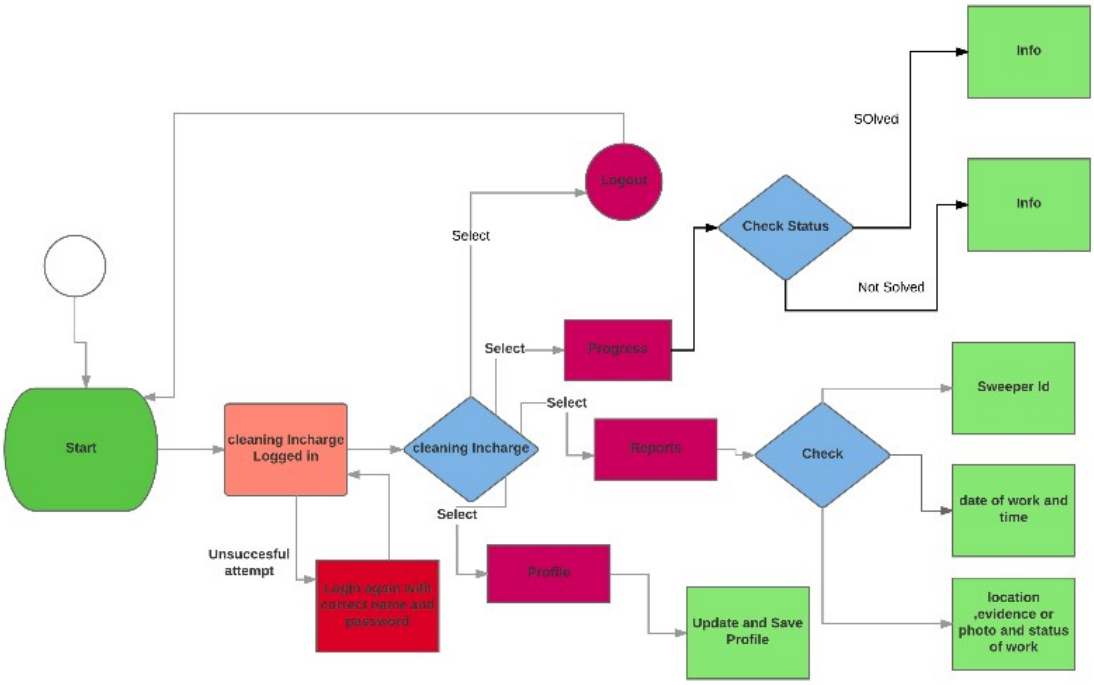


Vinayak Kothari :

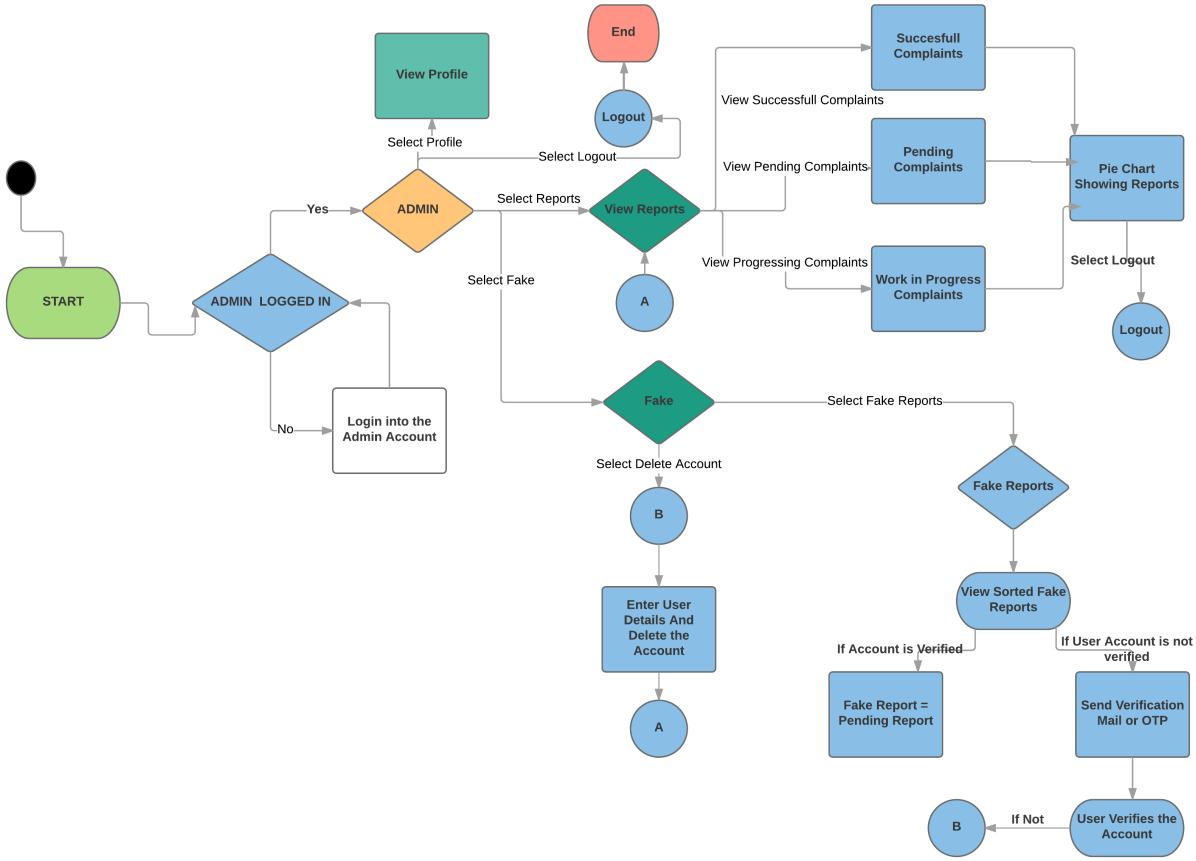
Shubham Sharma :

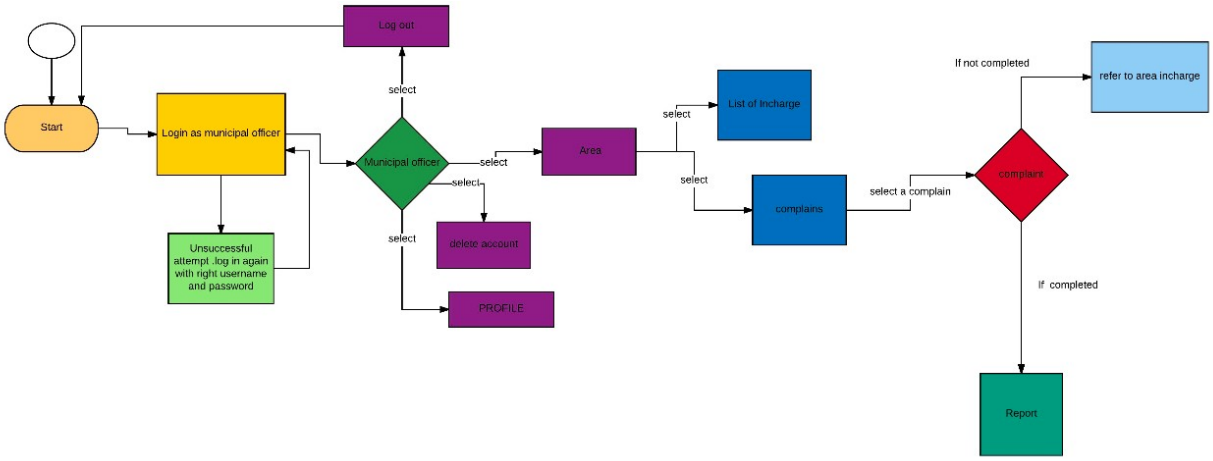


Sudhanshu Singh :



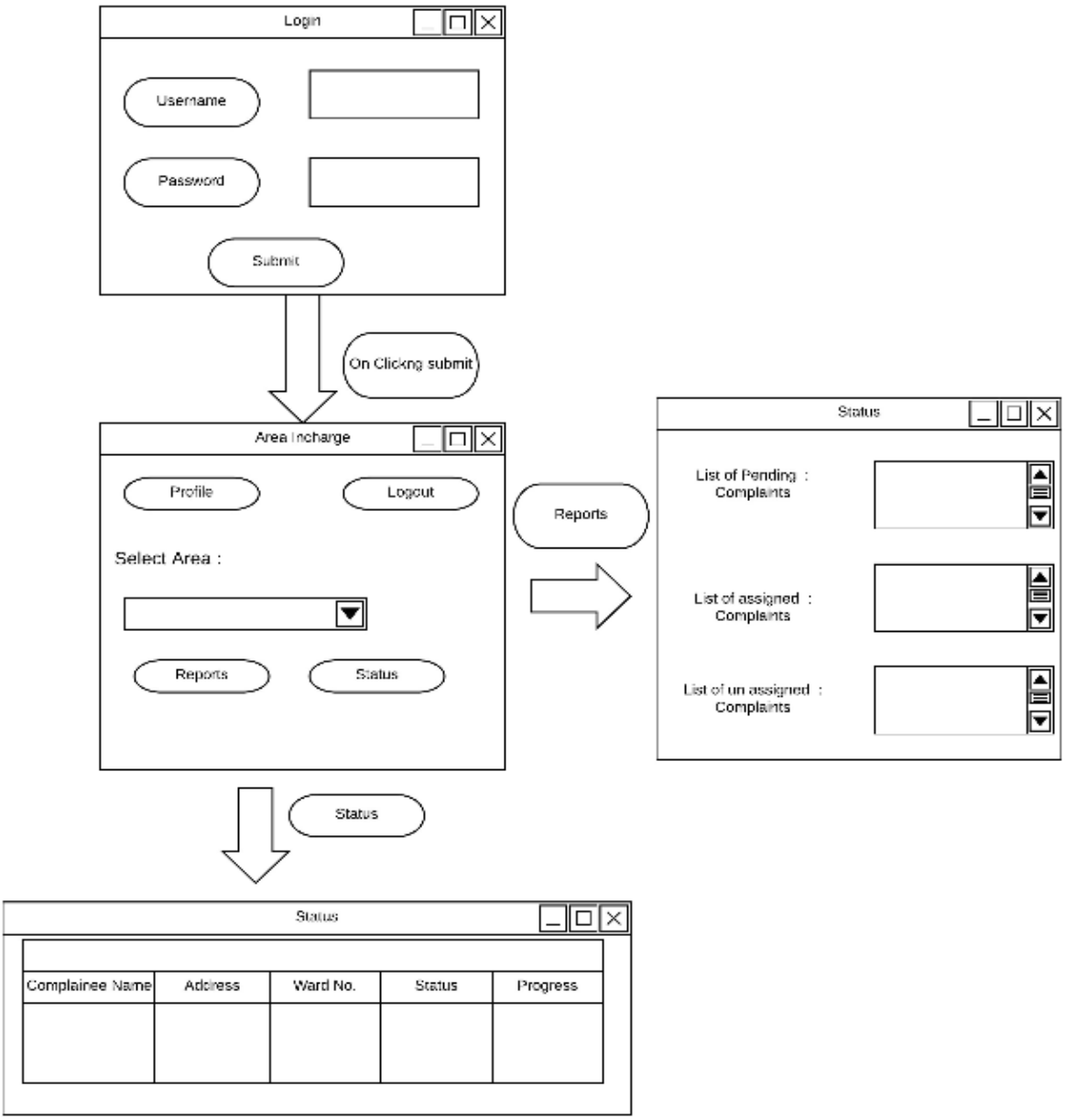
Rishi Raj Singh Balot :
Vikas Kaviyya :



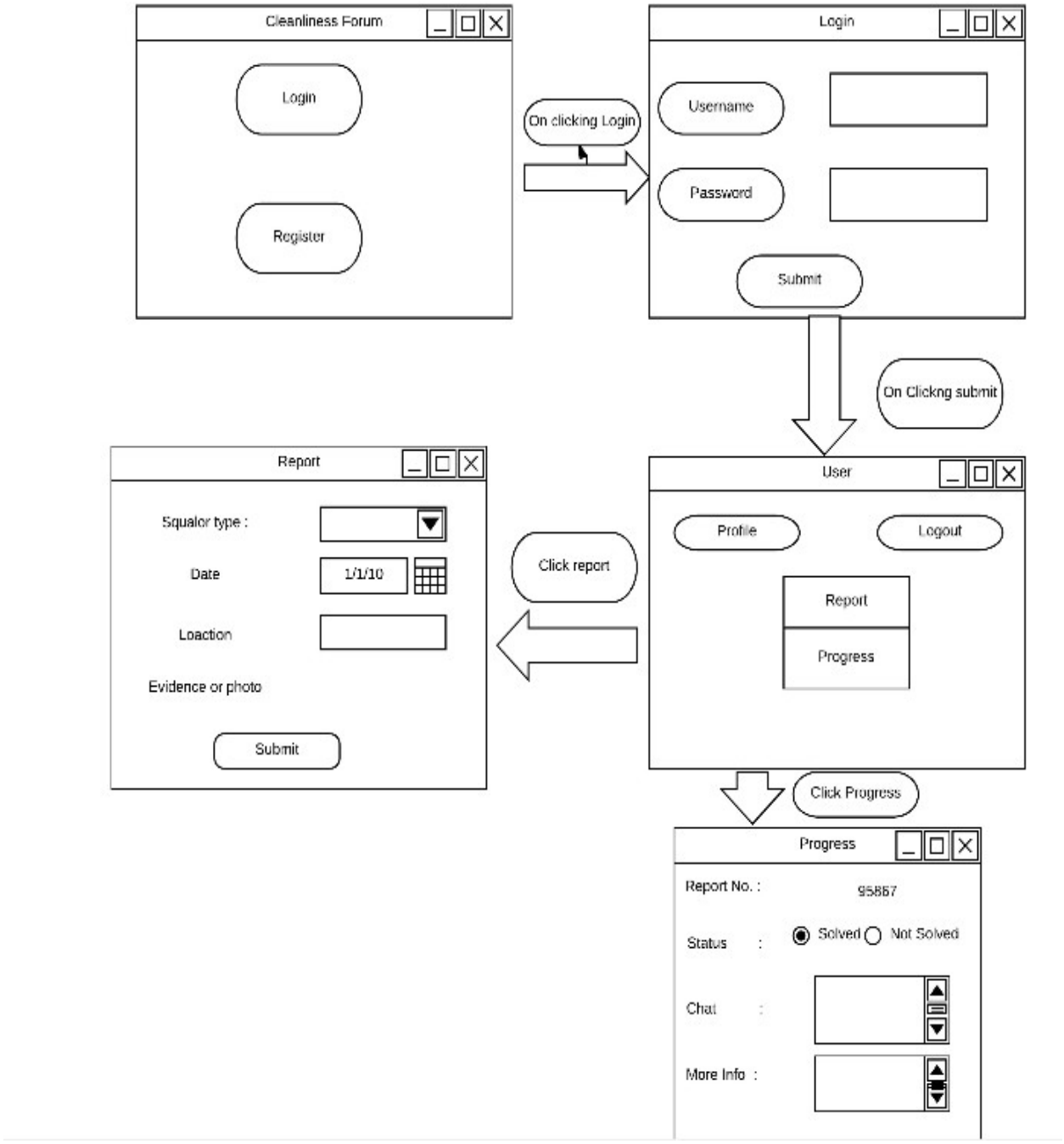


UI/UX Designs (Wireframes)

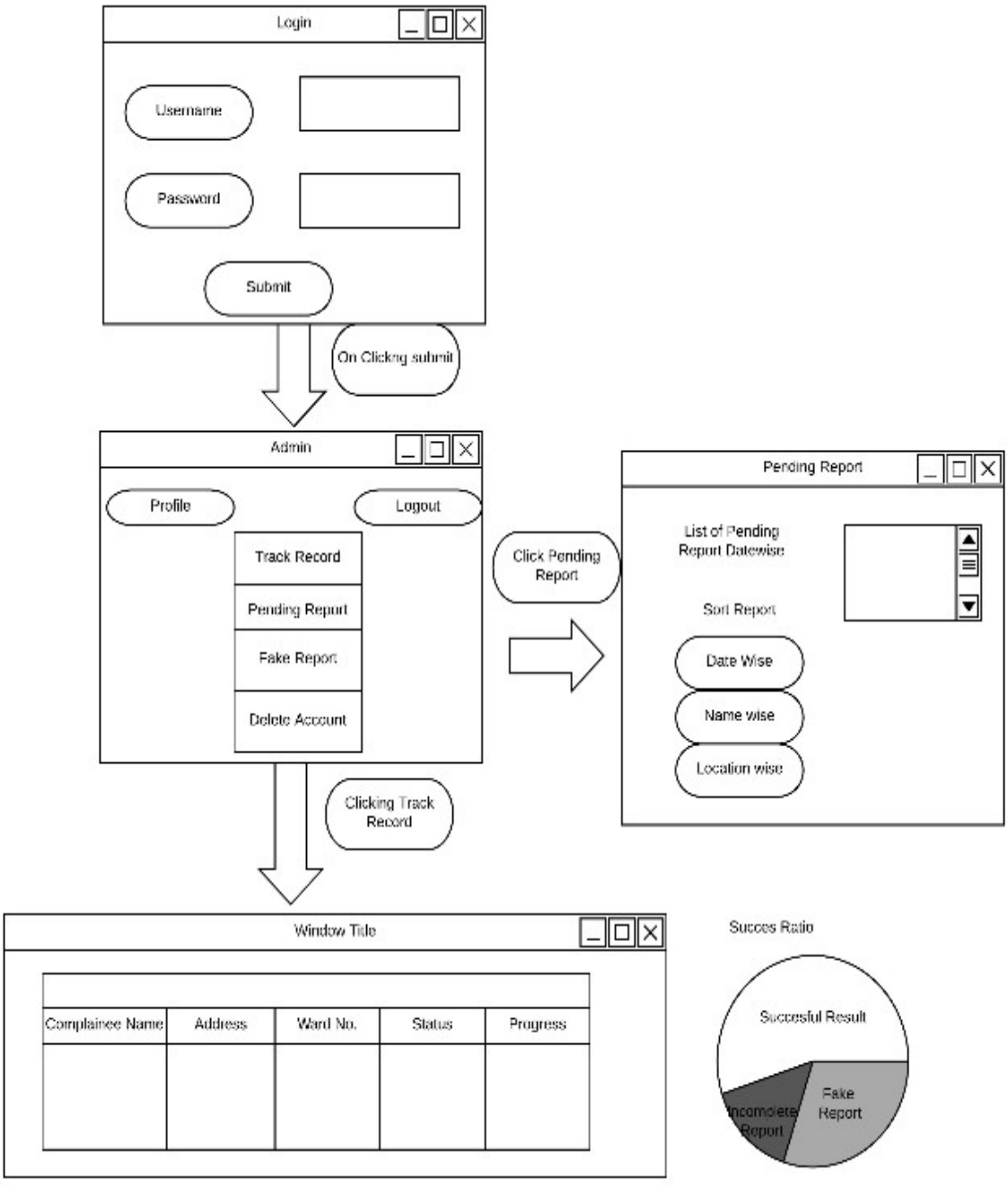
Rahul Chawla :



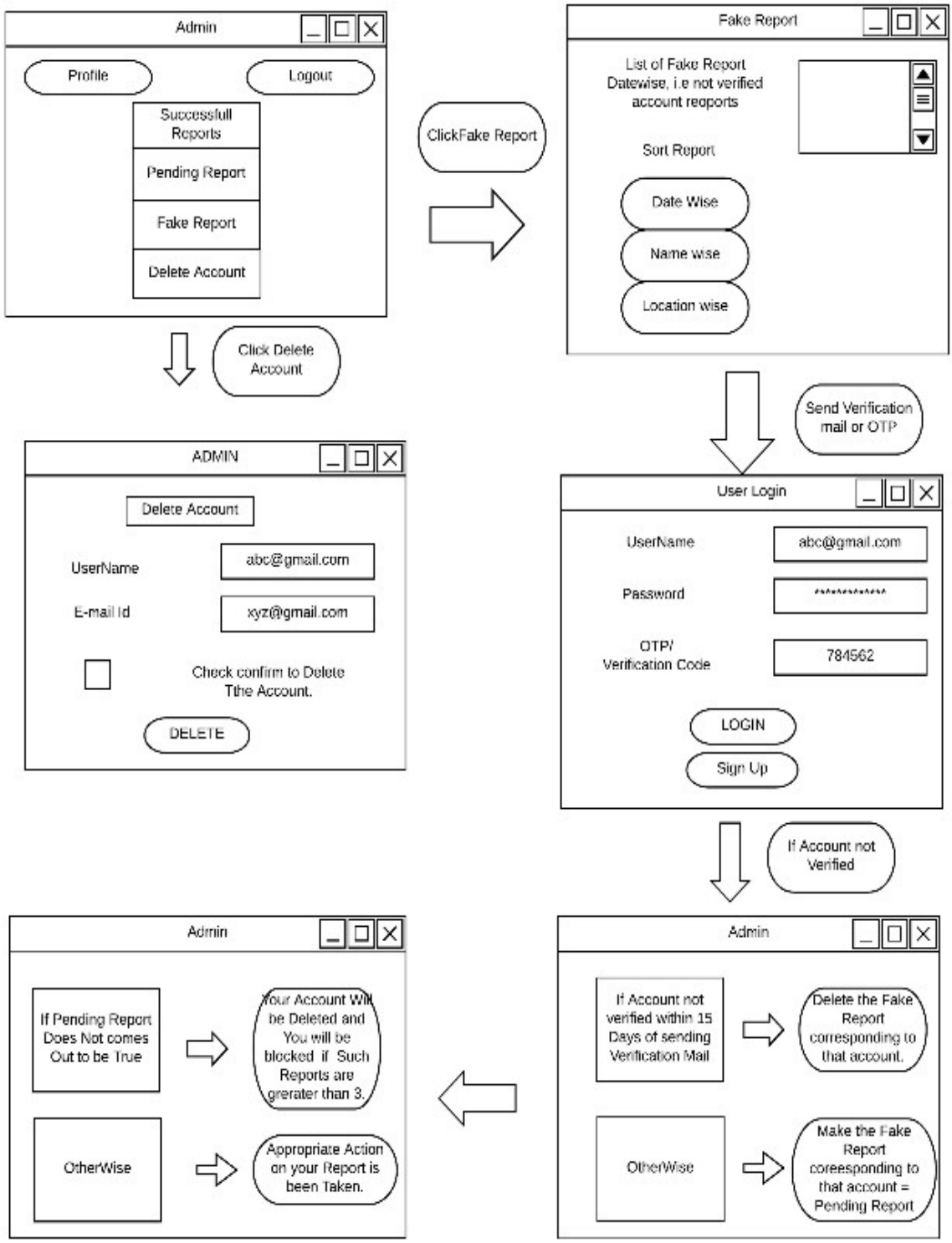
Vinayak Kothari :



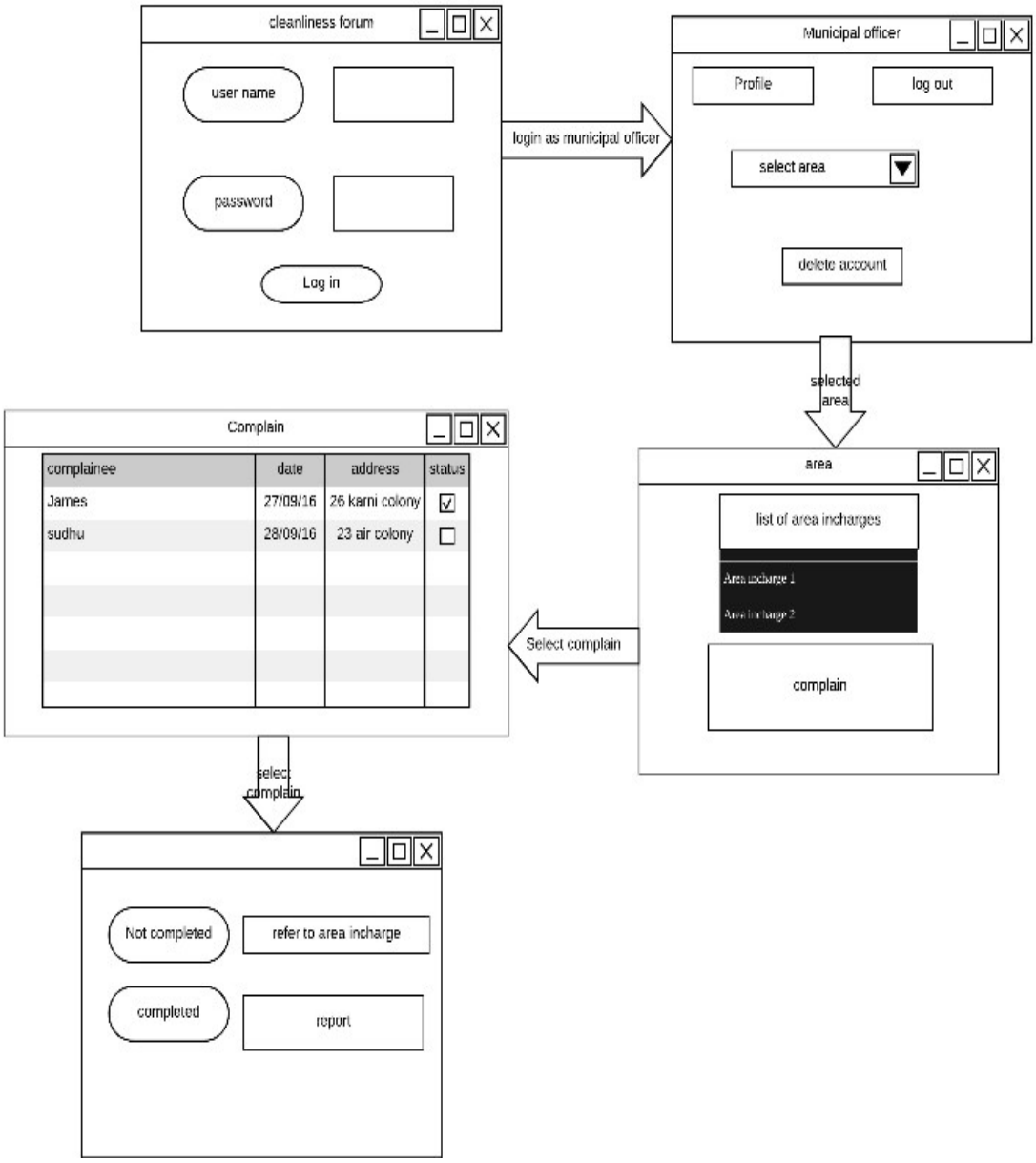
Shubham Sharma :



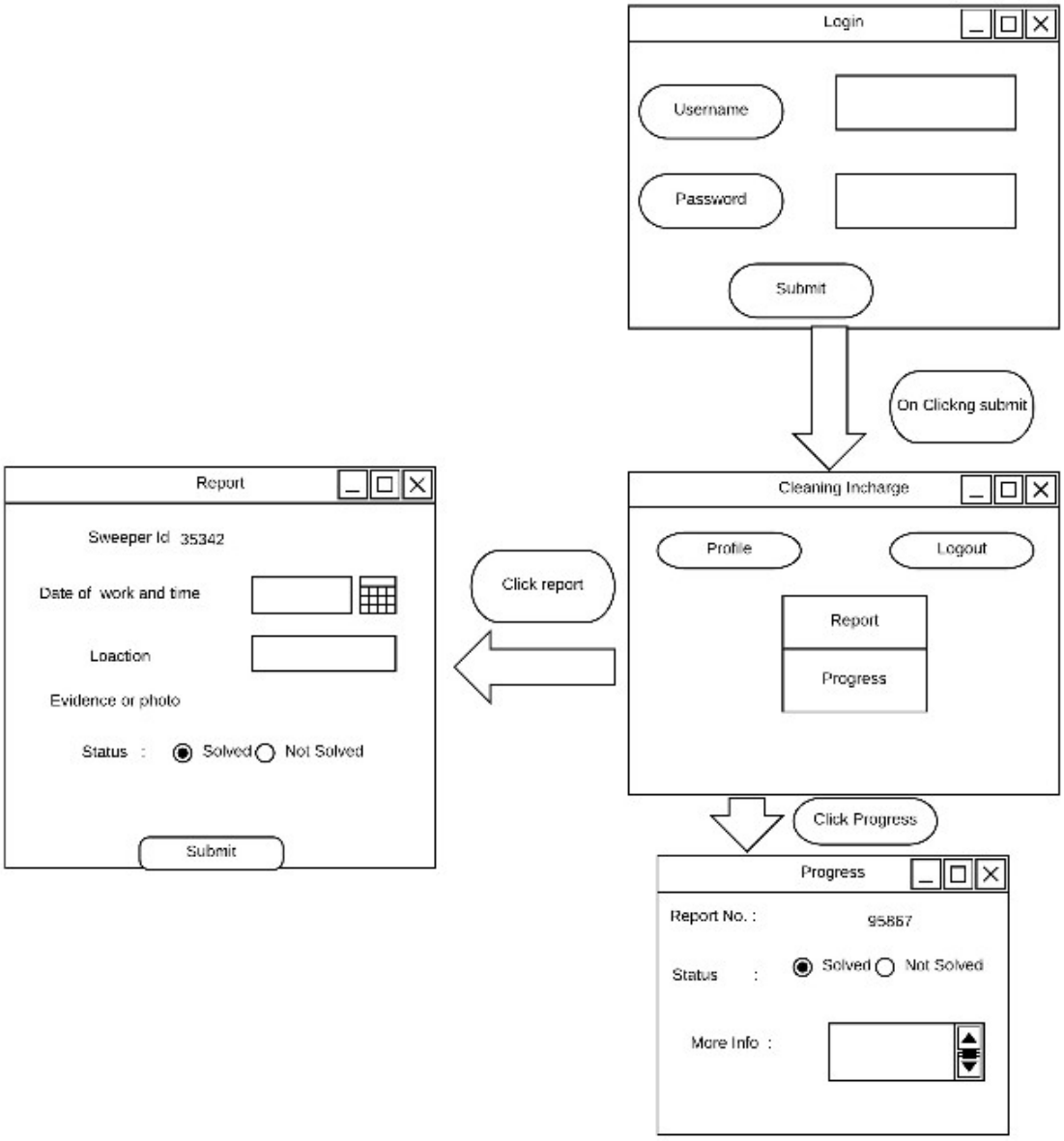
Rishi Raj Singh Balot :



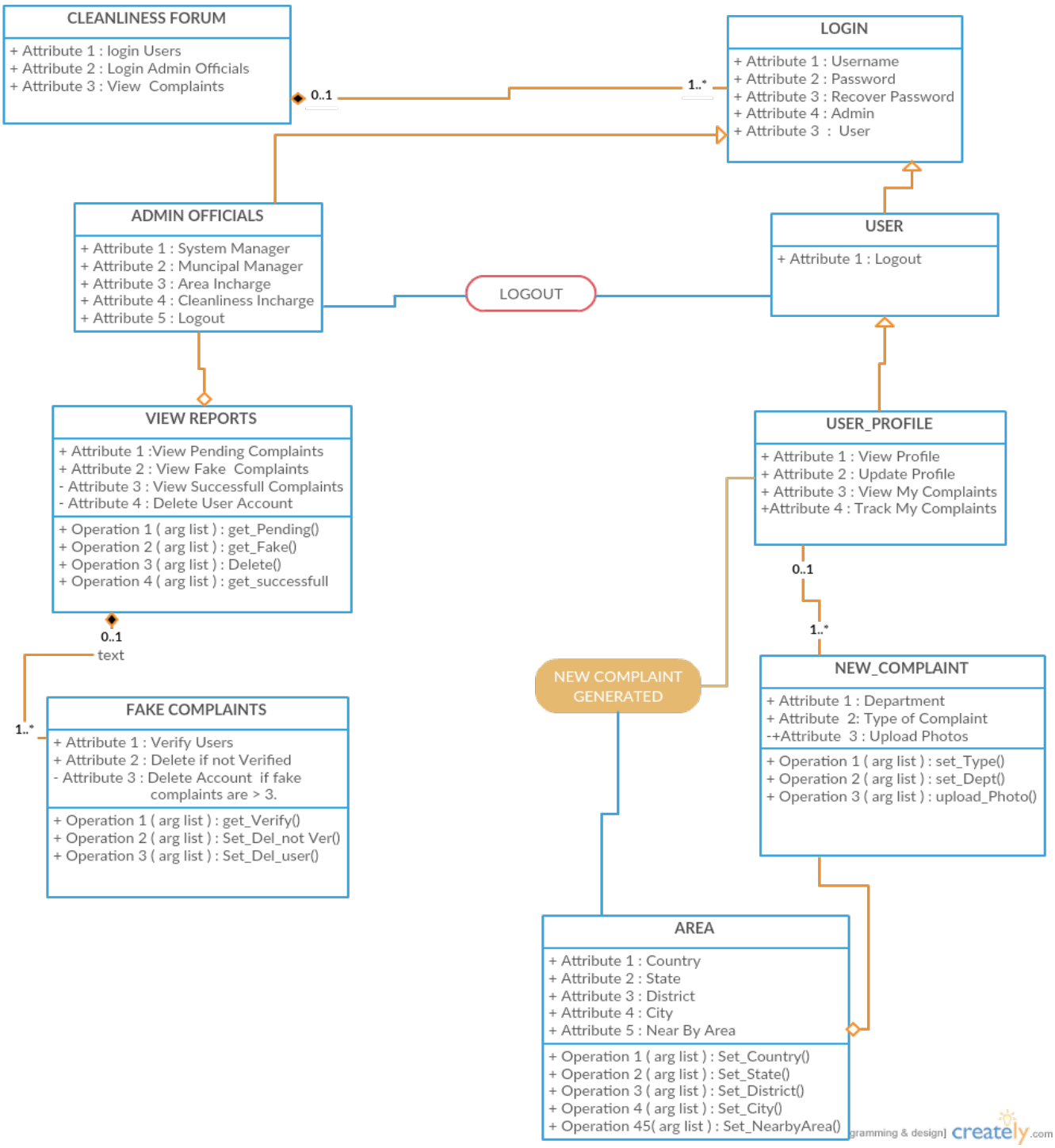
Vikas Kaviyya :



Sudhanshu Singh :



Class diagram



Scrum Minutes of the Meeting (Two entries per week for each team member)

Sprint 1 – Week 1

Team member	Work completed	Work planned	Impediments
Rahul Chawla	User stories of area incharge and Persona of Lawyer.	User Stories and Persona	To identify functionality to be used by area incharge and frustrations of lawyer regarding clearliness
Vinayak Kothari	User stories of Complainee and Persona of Teacher	User Stories and Persona	Difficulty in deciding goals in persona
Rishi Raj Singh Balot	User stories of Admin and Persona of Society Sceretory	User Stories and Persona	Difficulty in determining user persona, Identifying goals and frustrations of user persona, difficulty in xtensio.
Shubham Sharma	User stories of Admin and Persona of Doctor	User Stories and Persona	Difficutly in Determinig frustrations in user persona
Sudhanshu Singh	User stories of Cleanliness	User Stories and	Difficulty in choosing user

	Incharge and Persona of Media Person.	Persona	story of cleaning Incharge
Vikas Kaviyya	User stories of Muncipal Officer and Persona of Youth.	User Stories and Persona	

Week 2 :

Team member	Work completed	Work planned	Impediments
Rahul Chawla	Activity Diagram and Product Backlog were Completed	Activity Diagram ,Product Backlog and Plan Backlog	Difficulty in accessing lucid chart functionalities and identifying the flow of activities done by area incharge.
Vinayak Kothari	Activity Diagram and	Activity	Difficulty In using

	Product Backlog were Completed	Diagram ,Product Backlog and Plan Backlog	lucidchart and flow of activity diagram.
Rishi Raj Singh Balot	Activity Diagram and Product Backlog were Completed	Activity Diagram ,Product Backlog and Plan Backlog	Difficulty in identify the work flow for Admin and what functionality it will do.
Shubham Sharma	Activity Diagram and Product Backlog were Completed	Activity Diagram ,Product Backlog and Plan Backlog	Difficulty in deciding priority of user stories in product backlog
Sudhanshu Singh	Activity Diagram and Product Backlog were Completed	Activity Diagram ,Product Backlog and Plan	Difficulty in designing the work flow of cleaning incharge.

		Backlog	
Vikas Kaviyya	Activity Diagram and Product Backlog were CompletedActivity Diagram ,Product Backlog and Plan Backlog	Activity Diagram ,Product Backlog and Plan Backlog	Difficulty in desiging the workflow of municipal officer.

Week 3 :

Team member	Work completed	Work planned	Impediments
Rahul Chawla	UI/UX wireframe Design and Plan Backlog	UI/UX wireframe Design, Plan Backlog and Sprint 1: Acceptence Criteria	Difficulty in determining flow of information regrading complaints related to areas.
Vinayak Kothari	UI/UX wireframe Design and Plan Backlog	UI/UX wireframe Design, Plan Backlog and Sprint 1: Acceptence Criteria	Difficulty in planning the allocation of resources to user and its utility.
Rishi Raj Singh Balot	UI/UX wireframe	UI/UX wireframe	To detect fake reports in

	Design and Plan Backlog	Design, Plan Backlog and Sprint 1: Acceptence Criteria	UI and how they will be dealt to make system more efficient.
Shubham Sharma	UI/UX wireframe Design and Plan Backlog	UI/UX wireframe Design, Plan Backlog and Sprint 1: Acceptence Criteria	Difficulty in seprating the fulfilled and pending complaints.
Sudhanshu Singh	UI/UX wireframe Design and Plan Backlog	UI/UX wireframe Design, Plan Backlog and	Difficulty in designing layout due to restricted permissions.

		Sprint 1: Acceptence Criteria	
Vikas Kaviyya	UI/UX wireframe Design and Plan Backlog	UI/UX wireframe Design, Plan Backlog and Sprint 1: Acceptence Criteria	Difficulty in generating automatic reports.

Week 4:

Team member	Work completed	Work planned	Impediments
Rahul Chawla	Acceptence Criteria of Sprint 1 plan and class Diagram for sprint 1	Acceptence Criteria of Sprint 1 plan and class Diagram for sprint 1	Identifying the attributes related to area class
Vinayak Kothari	Acceptence Criteria of Sprint 1 plan and class Diagram for sprint 1	Acceptence Criteria of Sprint 1 plan and class Diagram for sprint 1	Difficulty in Identifying user attributes and their implications
Rishi Raj Singh Balot	Acceptence Criteria of Sprint 1 plan and class Diagram for sprint 1	Acceptence Criteria of Sprint 1 plan and class	Difficulty in determining Attributes and functions of Admin class and modify it.

		Diagram for sprint 1	
Shubham Sharma	Acceptence Criteria of Sprint 1 plan and class Diagram for sprint 1	Acceptence Criteria of Sprint 1 plan and class Diagram for sprint 1	Identifying the attributes related to new complain class
Sudhanshu Singh	Acceptence Criteria of Sprint 1 plan and class Diagram for sprint 1	Acceptence Criteria of Sprint 1 plan and class Diagram for sprint 1	Identifying the connectivity between different classes
Vikas Kaviyya	Acceptence Criteria of Sprint 1 plan and class	Acceptence Criteria of Sprint	Identifying the relations between different classes

	Diagram for sprint 1	1 plan and class Diagram for sprint 1	

Sprint 1 Summary

Review Summary

1	We faced difficulty in Identifying user stories and choosing user persona's according to people.
2	After week 2 and 3 we made Activity Diagram corresponding to our UI/UX Wireframe design.
3	In week 4 we made the Class Diagram, After identifying the different Classes. We Also developed the acceptance criteria for Sprint 1 plan.

Retrospective Summary

1	After completion of week 1 we were comfortable in making persona's using xtensio.com and also made several extra user stories also to be acquainted with it.

2	After making the Activity Diagram and Wireframe Design's we were comfortable in using LucidChart.
3	We were able to make class Diagram easily after that using Clearly.com .