



IT3030
Programming Application and
Framework
3rd Year, 1st Semester

PAF Project Assessment

E-Power Management System

Submitted to
Sri Lanka Institute of Information Technology

Bachelor of Science Special Honors Degree in Information Technology

05.07.2022

Group details

Group Number: Late Group S1

Group Members with workload:

	Name	IT Number	Function	Workload
1	Ekanayake E.M.W.C.L	IT17028424	User Management	<ul style="list-style-type: none">• Login as a Registered User• Can Register as unregistered user• Create, Update and delete user details after login• Can search users Details• Can search All candidate can update and delete them.
2	Lakshan R.M.B.C	IT20087456	Inquiry Management	<ul style="list-style-type: none">• View Inquiries• Make Inquiries• Can Add Update and Delete Inquiries

Acknowledgement

When we embarked this project, it appeared to me as onerous task. Slowly as us progressed we did realize that we was not alone after all.

we wish to express our gratitude to our teachers as well as our staff who gave us the golden opportunity to do this wonderful project under the PAF Subject, we would also like to express our gratitude to everyone who extended their kind help, guidance and suggestion without which it could not have been possible for us to complete this project report. Our sincere thanks to our all entire faculty members.

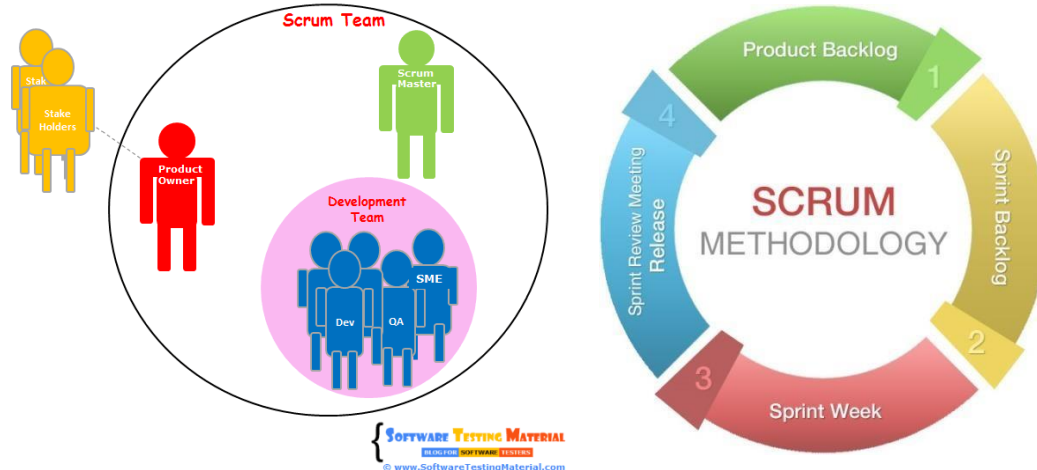
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1. SE Methodology

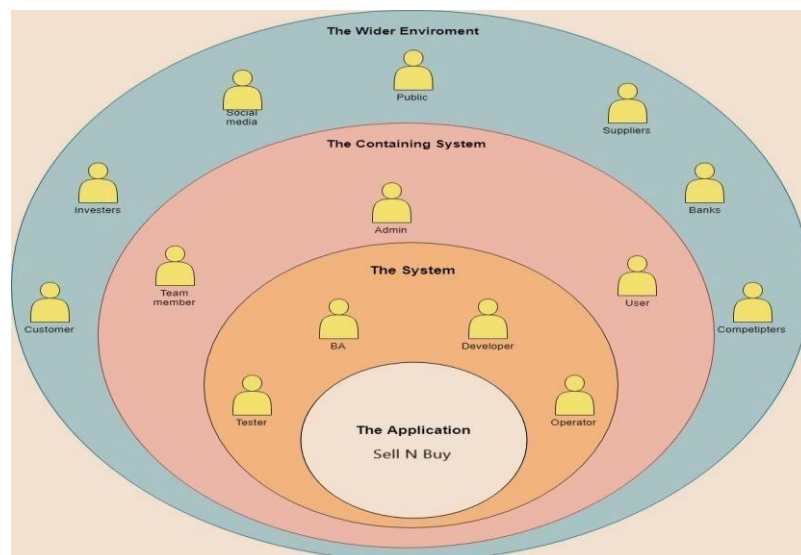
- In here we used agile scrum methodology to build our project.
- It is easy way to build a system software for a given period.

AGILE SCRUM METHODOLOGY



2. Stakeholder Analysis (Onion Diagram)

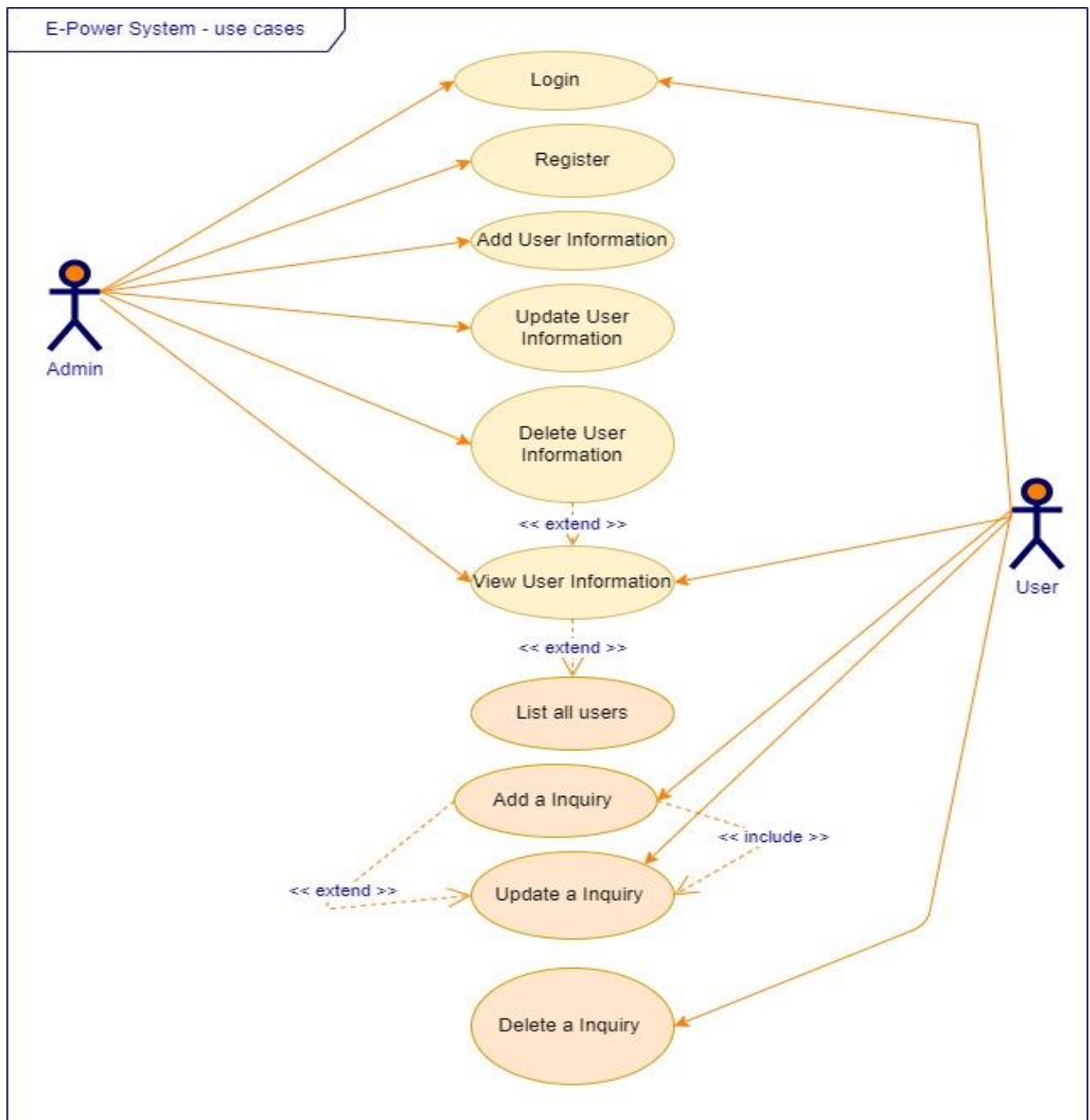
- This onion diagram shows the dependencies among parts of the project and organization.



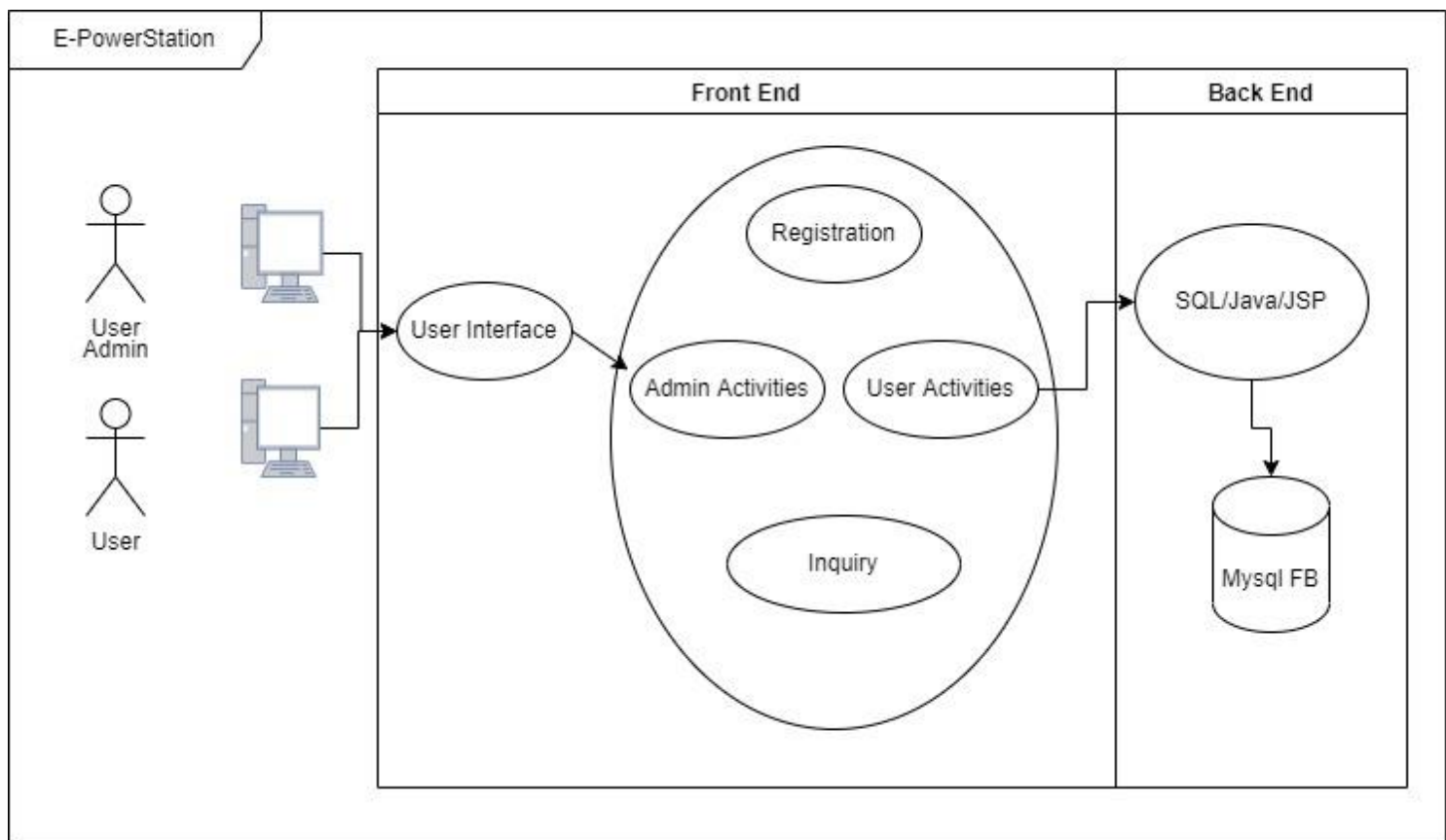
3. Requirement Analysis

Functional Requirement	Non – functional Requirement	Technical Requirement
1. User management	1. High performance	1. Eclipse Java EE
2. Inquiry management	2. Usability	2. Maven
	3. Time management	3. MySQL
	4. Maintainability	4. HTML, CSS (Bootstrap)
	5. Simplicity	5. Simplicity
	6. Quality	6. JSP
	7. Consistency	

4. Requirement Modelling (Usecase Diagram)

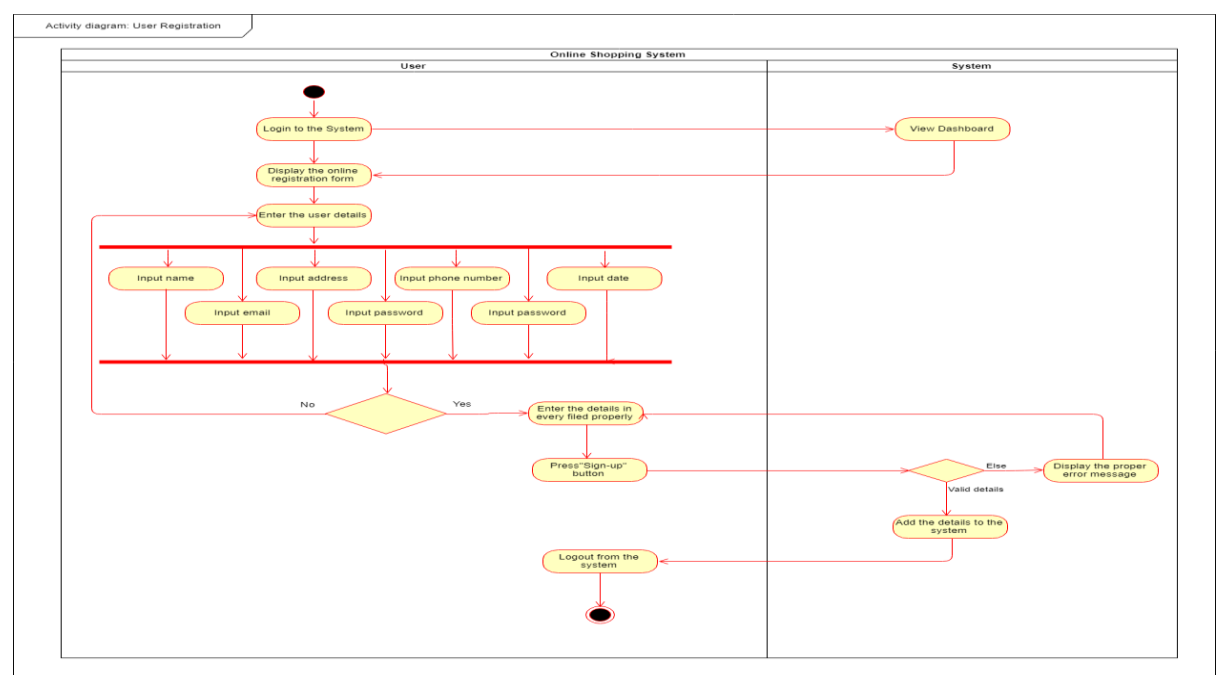


5. Overall Architecture

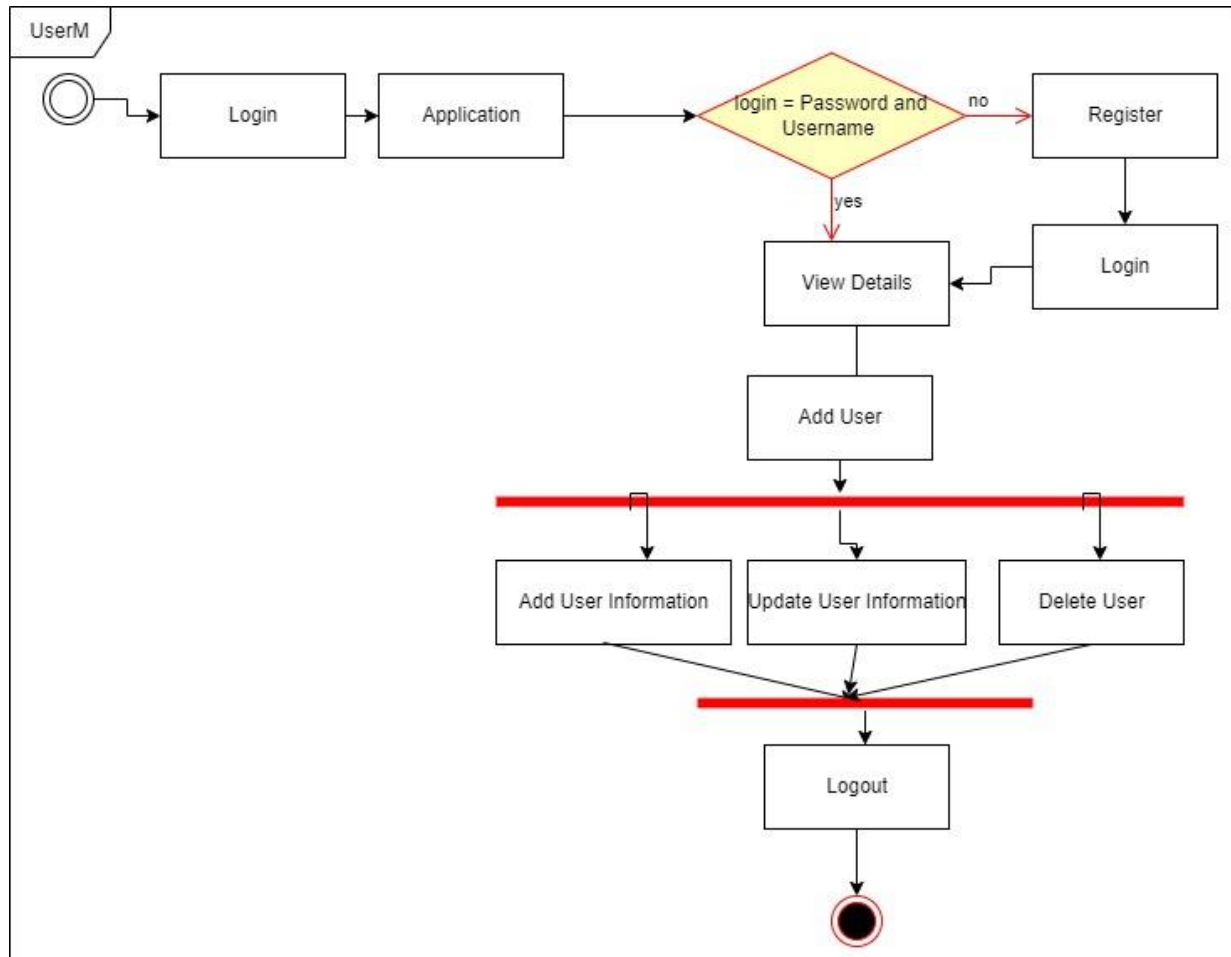


6. Activity Diagrams

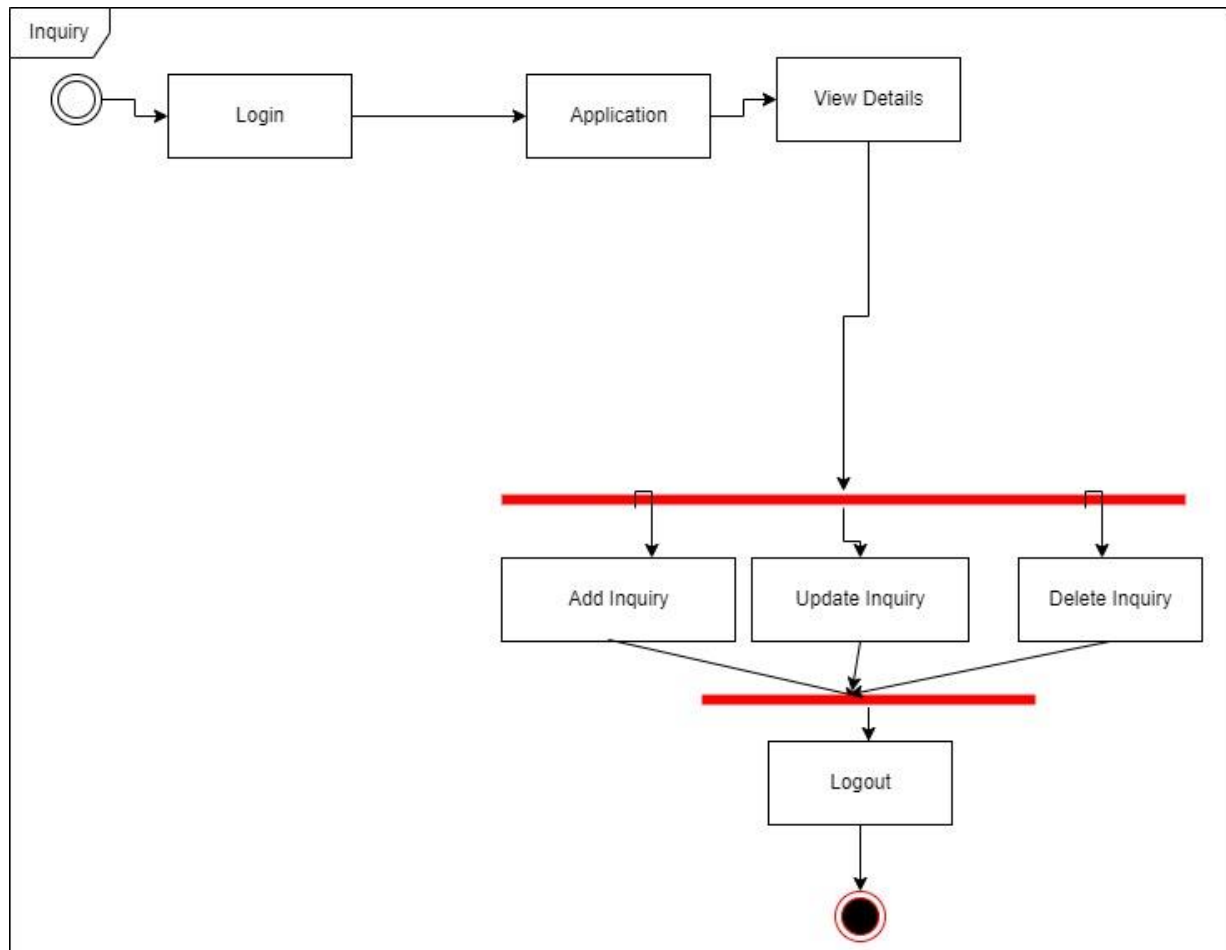
User Management (Registration)



1) User Management

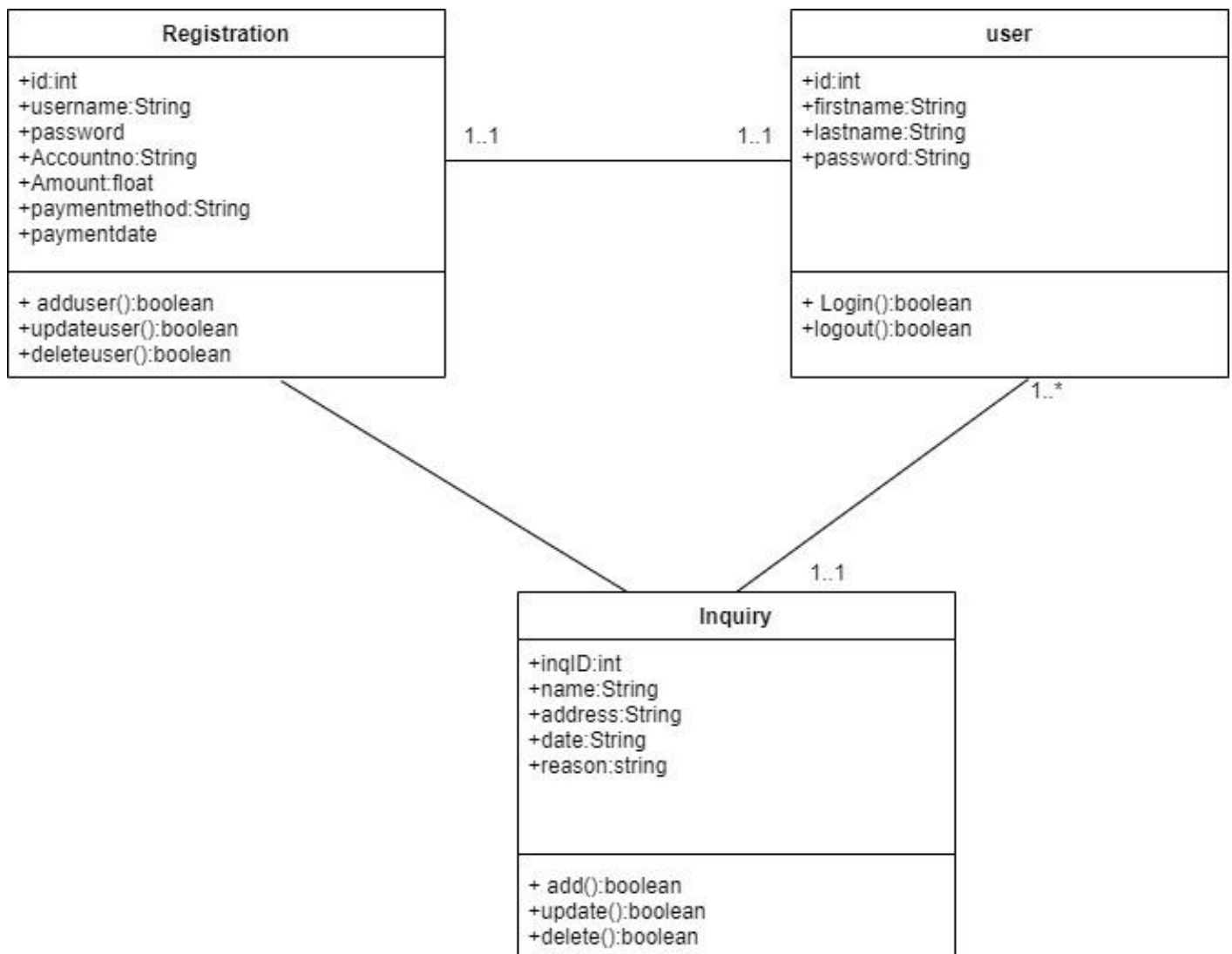


2) User Management

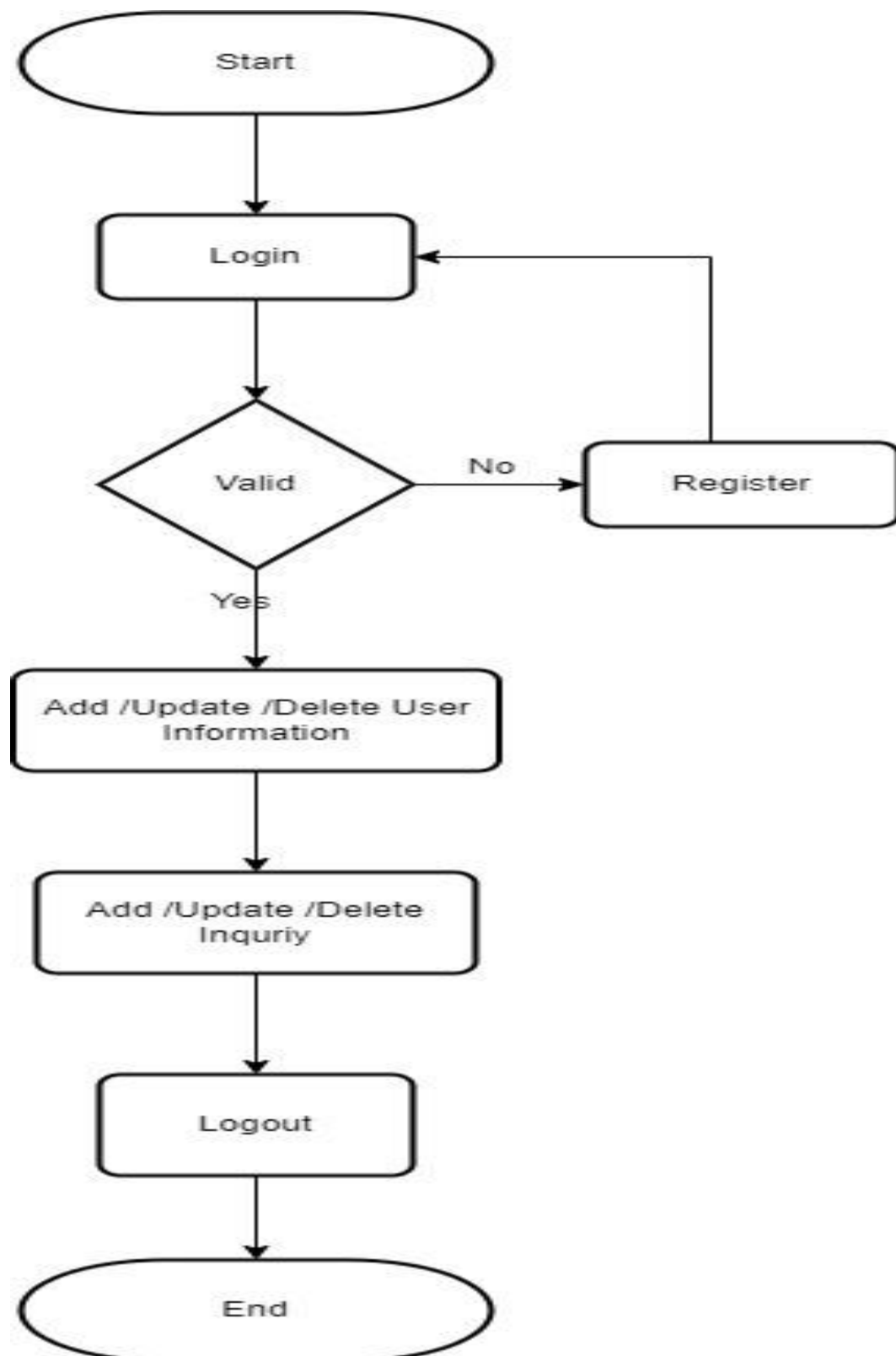


7. Any other relevant design diagrams

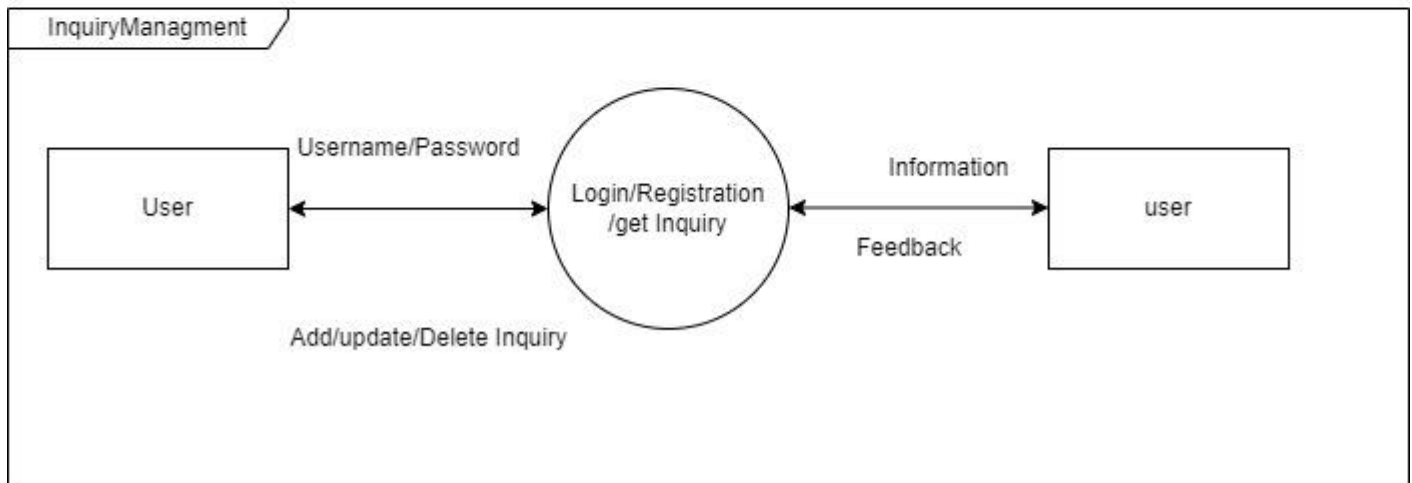
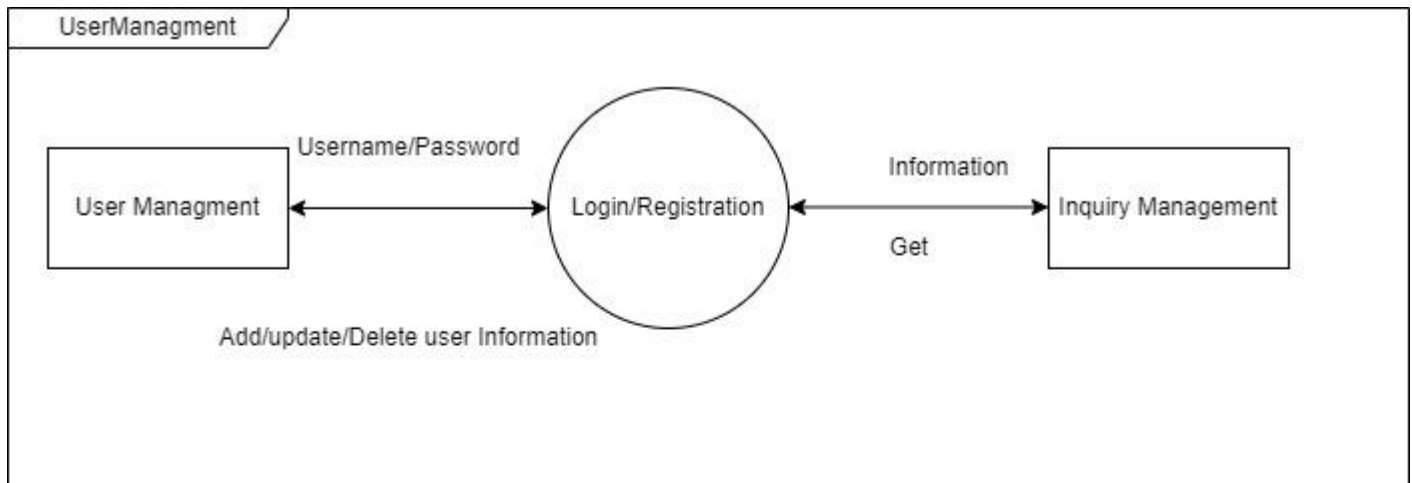
- **Class Diagram (Overall system)**



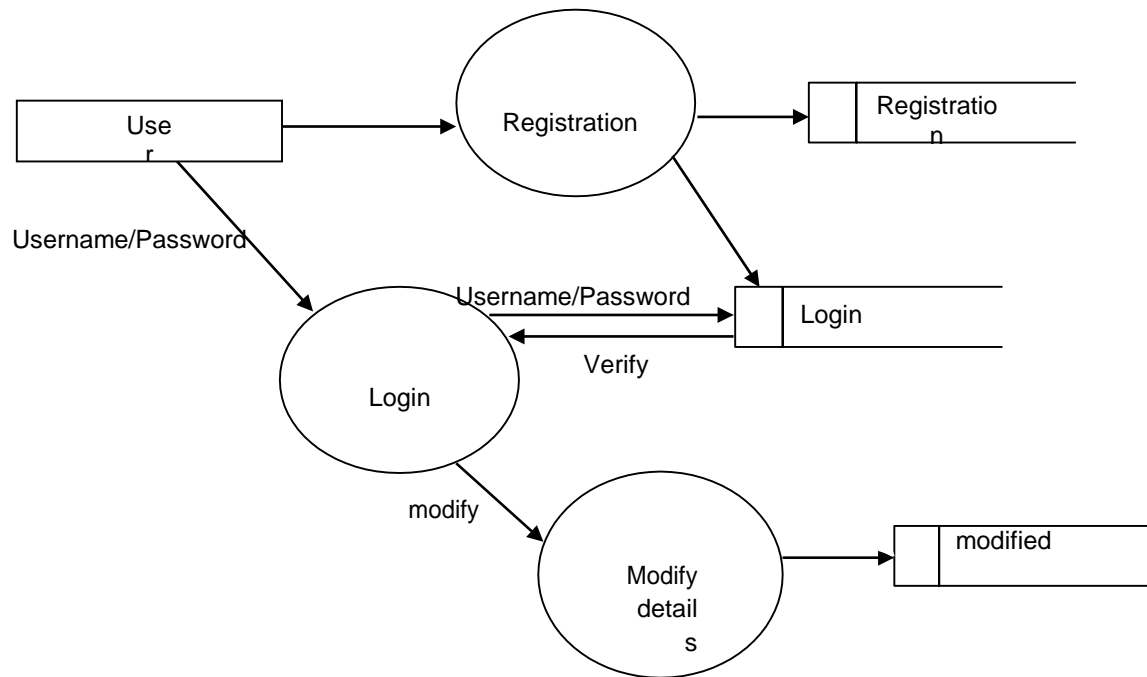
- **Flow Chart Diagram (Overall system)**



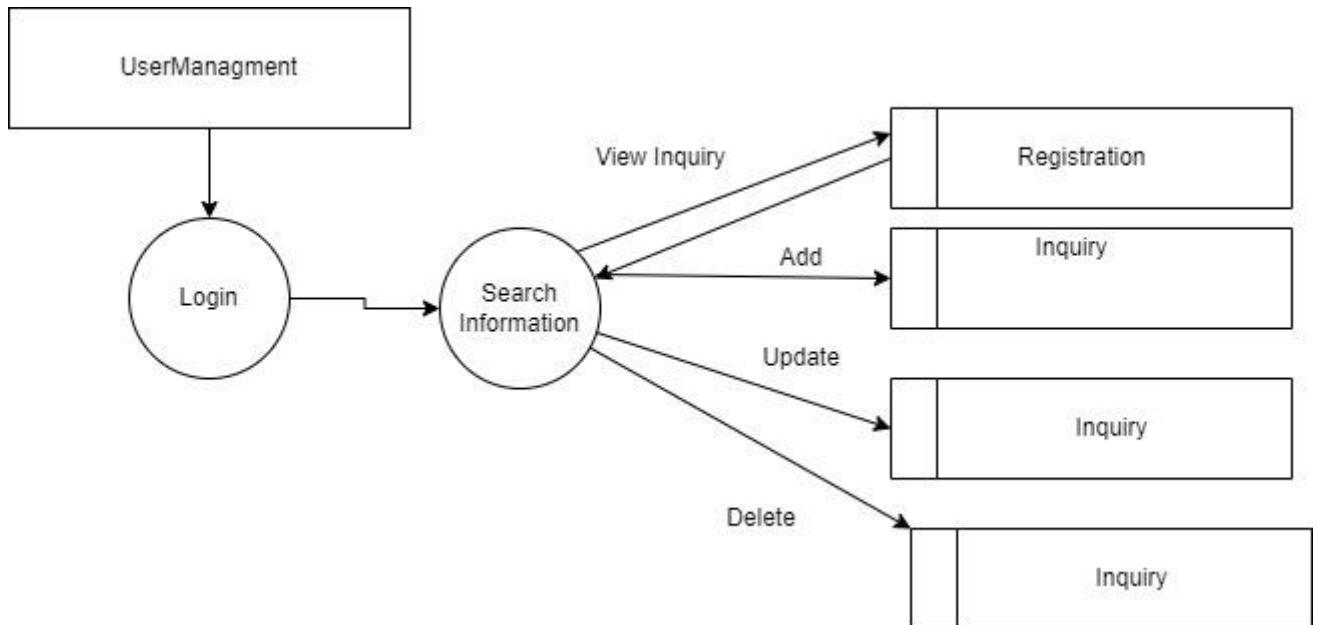
0-LEVEL DFD



Level 1 DFD- User Management

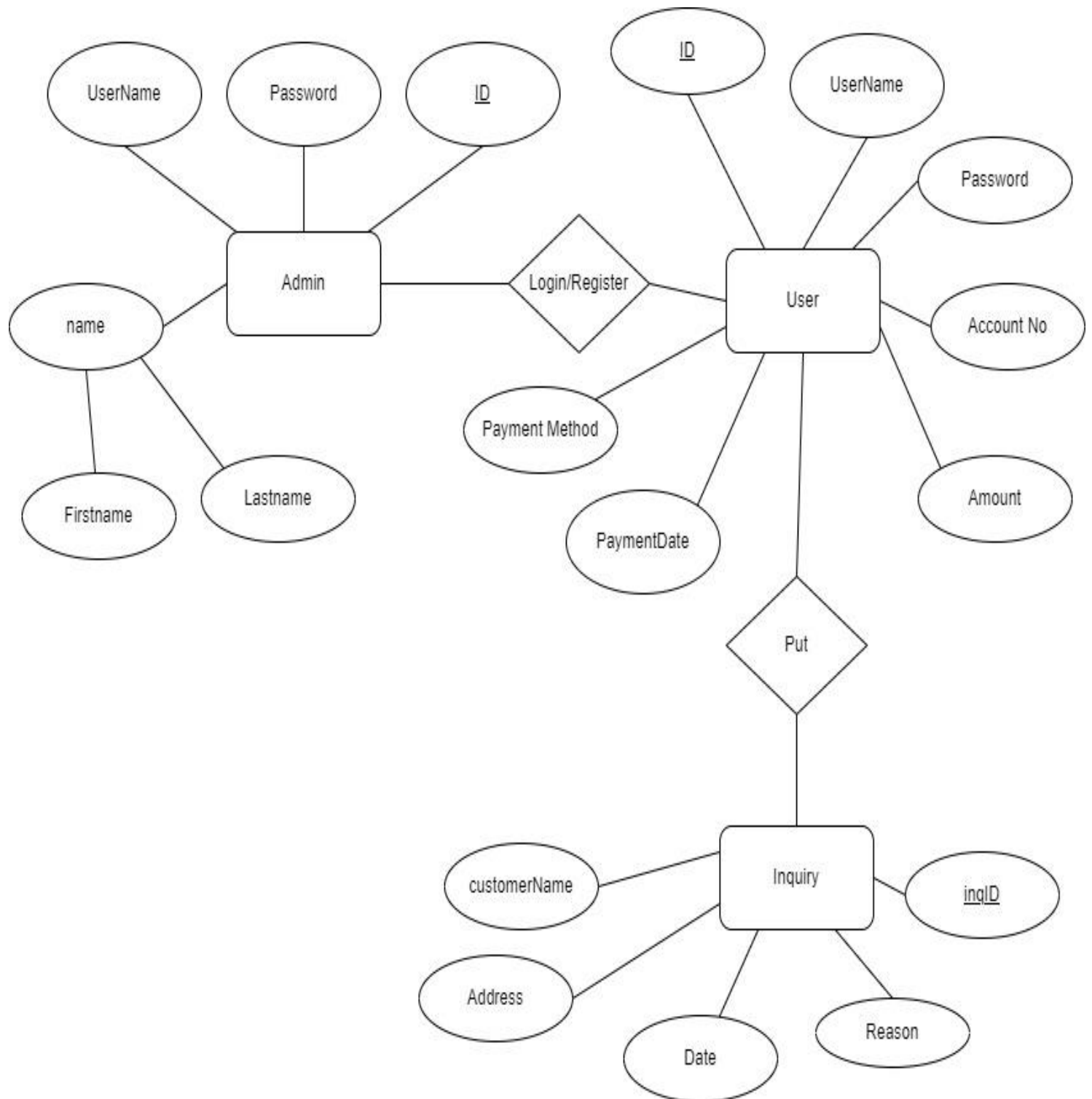


Level 1 DFD- Inquiry Managment



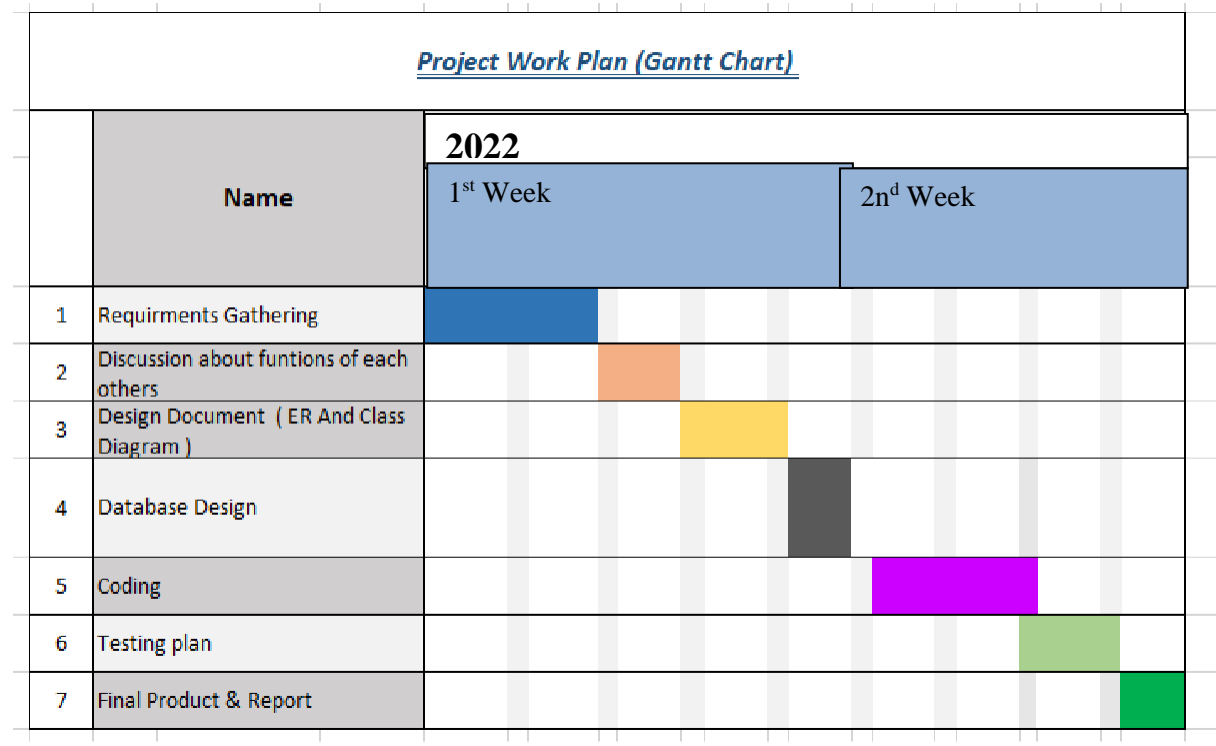
Level 1 DFD- Accountant (Admin)

- **ER Diagram (Overall system)**



8. Gantt Chart

Following is the time schedule that we suppose to finish this work.



9. Clickable URL to your GIT repo

https://github.com/lakshaniekanayake/PafGroupAssessment_LateGroupS1.git