

Project Report

On

Chem-Break

Web Application

Using Python (Flask)



Designed and Developed

By

Mr. Salman Sayyed

TYBSc CS 40

2022-2023

And Guided By

Prof Ritika Lala

Submitted in partial fulfillment of academic project

[Bachelor of Computer Science]

University of Mumbai



ROYAL COLLEGE
OF ARTS, SCIENCE & COMMERCE
Empowerment through Value Education

DEPARTMENT OF COMPUTER SCIENCE

Class: TYBSc

Roll. No. 40

Seat No. _____

Certificate

Certified that **Sayyed Salman** of T.Y.BSc Semester-VI has successfully completed the project as prescribed by the University of Mumbai on **Chem-Break** as partial fulfillment of requirement for completing Bachelor's Degree in Computer Science during the academic year 2022-2023.

Signature of Project Guide

Date: _____

Signature of Examiner

Date: _____

H.O.D

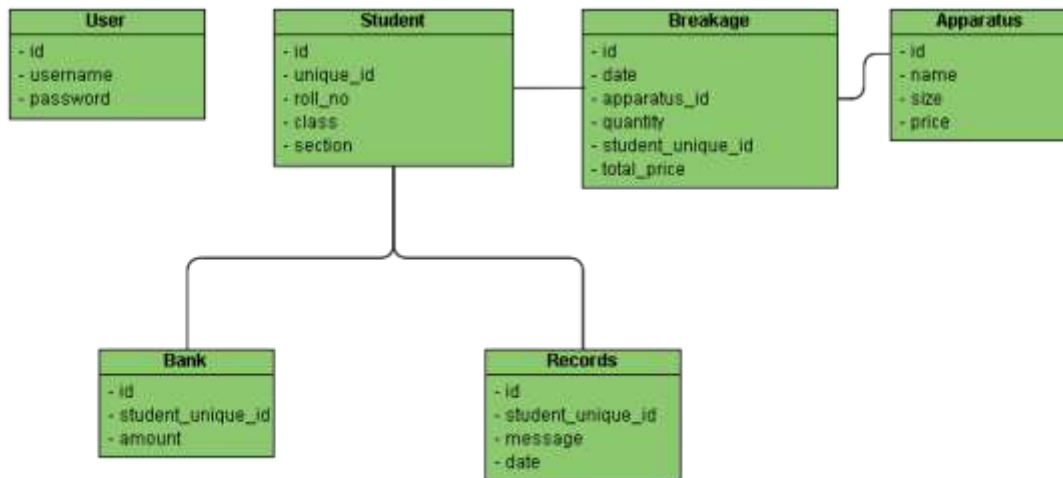
Dept. of Computer Science

Gantt Chart

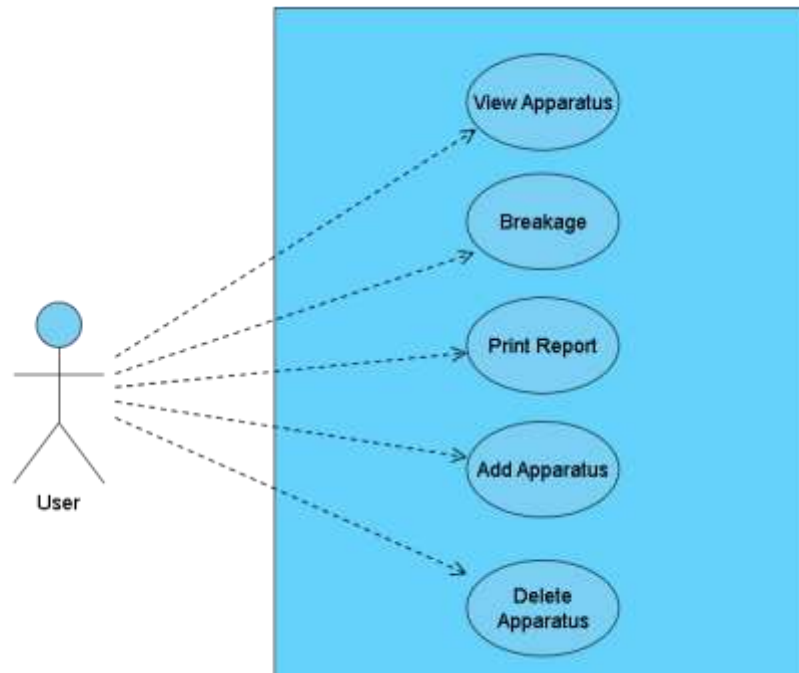
TYBSc Computer Science Semester 6 Project Gantt Chart		Time Requiremen t	Year 2019 - 20												
			Weeks												
			December		January				February				March		
			W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3
I	Preliminary Investigation	Estimated													
		Actual													
II	Requirement Gathering	Estimated													
		Actual													
III	System Analysis	Estimated													
		Actual													
IV	System Design	Estimated													
		Actual													
V	System Coding	Estimated													
		Actual													
VI	Testing	Estimated													
		Actual													
VII	Implementation	Estimated													
		Actual													
VIII	Deployment	Estimated													
		Actual													

Estimate d	
Actual	

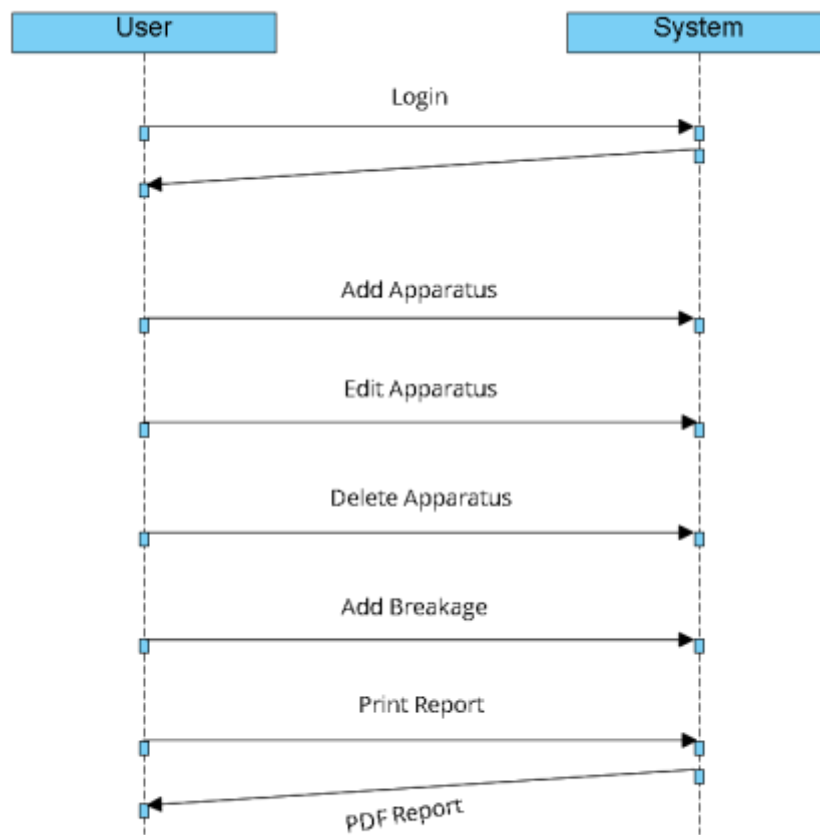
Class Diagram



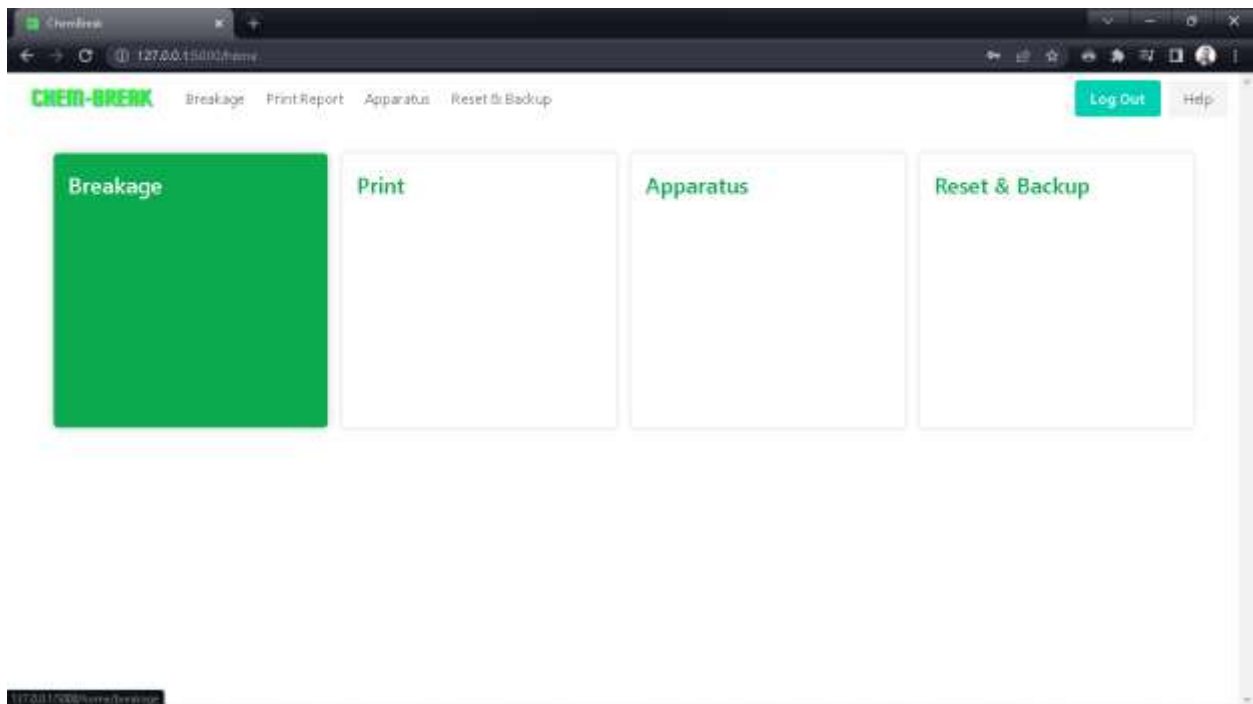
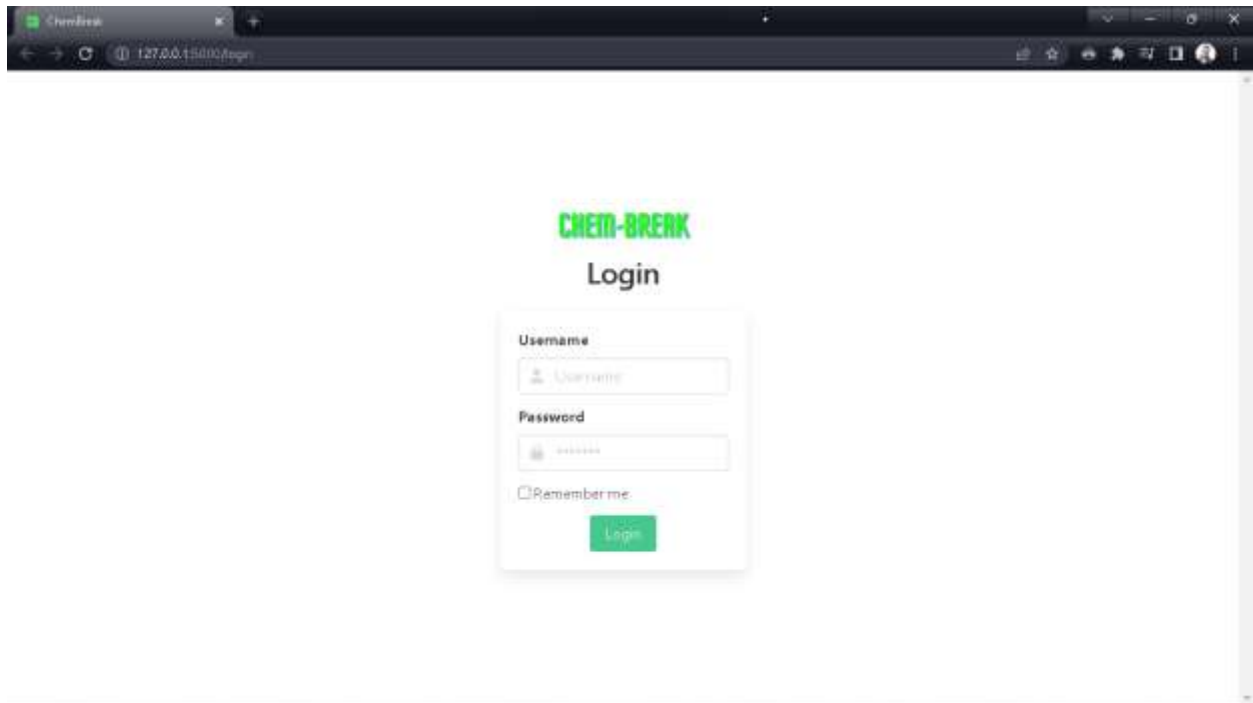
Use Case



Sequence Diagram



Snapshot



ChemBreak

127.0.0.1:5000/chem/breakage

CHEM-BREAK Breakage Print Report Apparatus Reset & Backup Log Out Help

Add Breakage

Apperatus ID
Risk-120ml

Quantity
1

Roll No
69

Class
SY

Section
Chemistry

Submit Reset

ChemBreak

127.0.0.1:5000/chem/report

CHEM-BREAK Breakage Print Report Apparatus Reset & Backup Log Out Help

Print Reports

First Year	Second Year	Third Year
1) View Record Report 2) Collect Money Report	1) View Record Report 2) Collect Money Report	1) View Record Report 2) Collect Money Report
Records Money	Records Money	Records Money

ChemBreak 127.0.0.15000/chembreak/home/record/fy

CHEM-BREAK Breakage Print Report Apparatus Reset & Backup Log Out Help

Royal College Chemistry Dept

Breakage Charges

FY

Click to print

Date	Roll No	Class	Apparatus	Quantity	Price	Total
13/03/2023	1	fy	Test Tube 12 ml	1	25 ₹	25 ₹
13/03/2023	1	fy	Flask 120ml	1	60 ₹	60 ₹
13/03/2023	10	fy	Flask 120ml	1	60 ₹	60 ₹
13/03/2023	15	fy	Beaker 50ml	1	30 ₹	30 ₹

ChemBreak 127.0.0.15000/chembreak/home/record/fy/Amount/fy

CHEM-BREAK Breakage Print Report Apparatus Reset & Backup Log Out Help

Royal College Chemistry Dept

Breakage Charges

Total Amount

FY

Click to Print

Roll No	Total Cash
1	85 ₹
10	60 ₹
15	30 ₹