

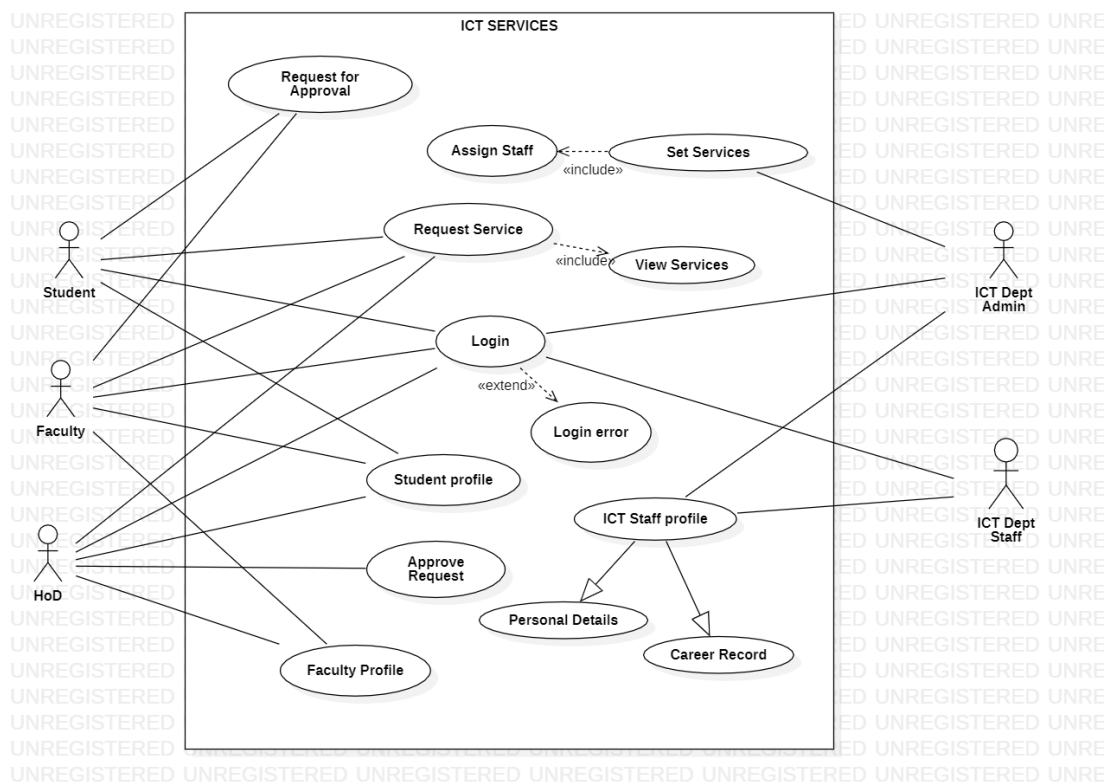


JAVA PROJECT REPORT INFORMATION AND COMMUNICATION TECHNOLOGY SERVICES

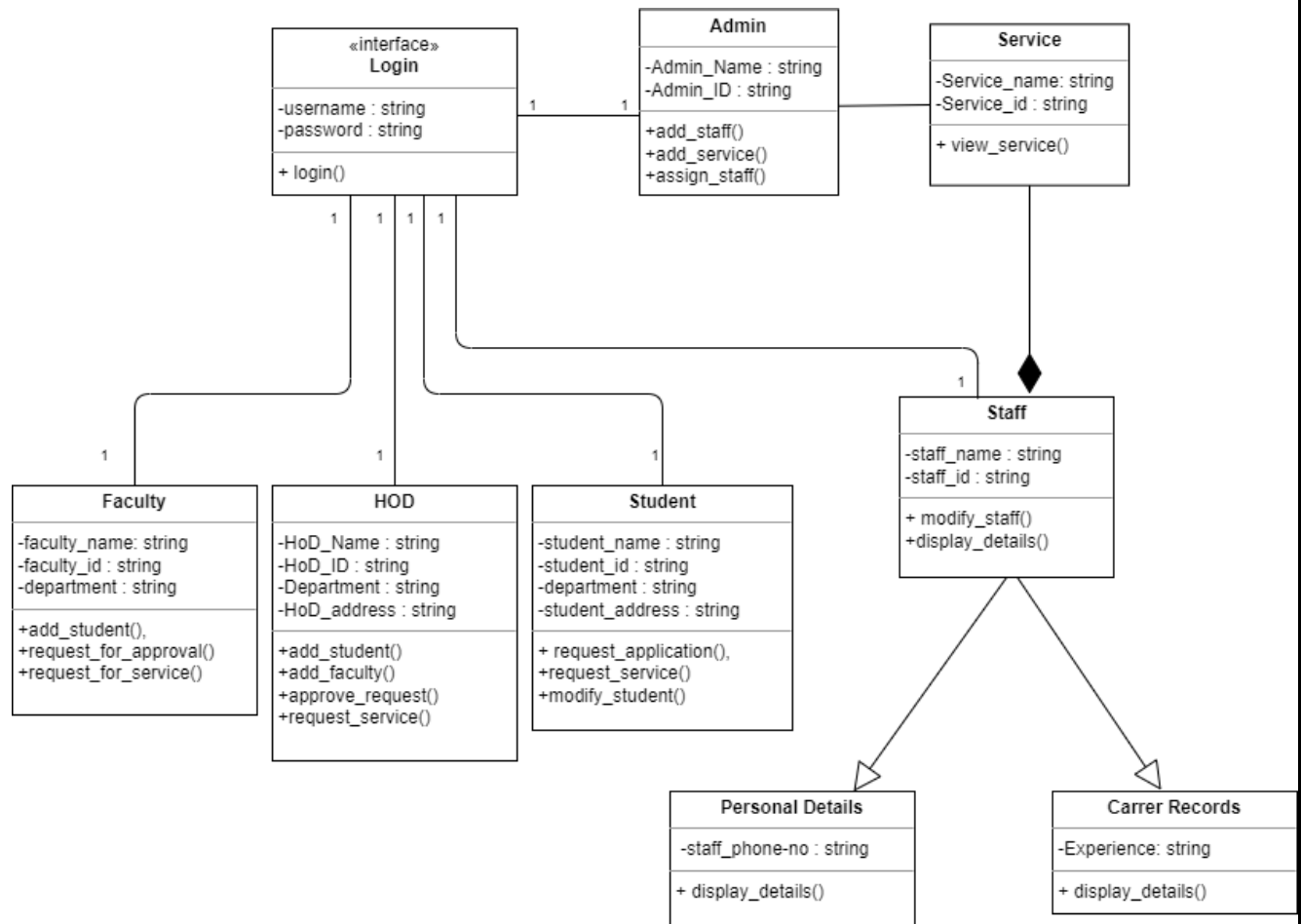
ABSTRACT:

The project aims to develop a system to allocate the various ICT services like software, type of hardware, network, multimedia, etc. to the college. Various clients can request service to the ICT service department. According to the client's request, experts of the requested service would be provided by the ICTS department to resolve the issue. The various services provided by the department are installation of software, repair computer parts like keyboard repair, CPU parts repair etc., improve network connectivity, multimedia services etc. Clients like students and faculty can place a request for the services after a special approval from the HoD of the respective department. Clients like the head of the department, principal, department coordinators, etc. of the college do not require any approval to request the services provided.

USE CASE DIAGRAM:



CLASS DIAGRAM:



OOPS CONCEPT IMPLEMENTED:

Abstraction:

- Implemented a login interface

Inheritance:

- Implemented a hierarchical inheritance

Polymorphism:


- Implemented function overloading and function overriding

Encapsulation:

- Used classes and objects to implement the code

UI

Login Page

 LOGIN— □ ×

WELCOME

LOGIN AS:

☒ ADMIN ☐ STAFF ☐ HOD ☐ STUDENT ☐ FACULTY


USER ID:

PASSWORD:

☐ Show password

LOGIN

Admin and Functions

 ADMIN— □ ×

WELCOME ADMIN


ADD SERVICE

ADD STAFF

ASSIGN SERVICE

BACK

Add service

 ADD SERVICE

— □ ×

ENTER DETAILS

SERVICE ID:

NAME OF SERVICE:

BACK

ADD

Add staff



— □ ×

ENTER DETAILS OF STAFF

STAFF ID:

STAFF NAME:

SERVICE ID:

PAYMENT:

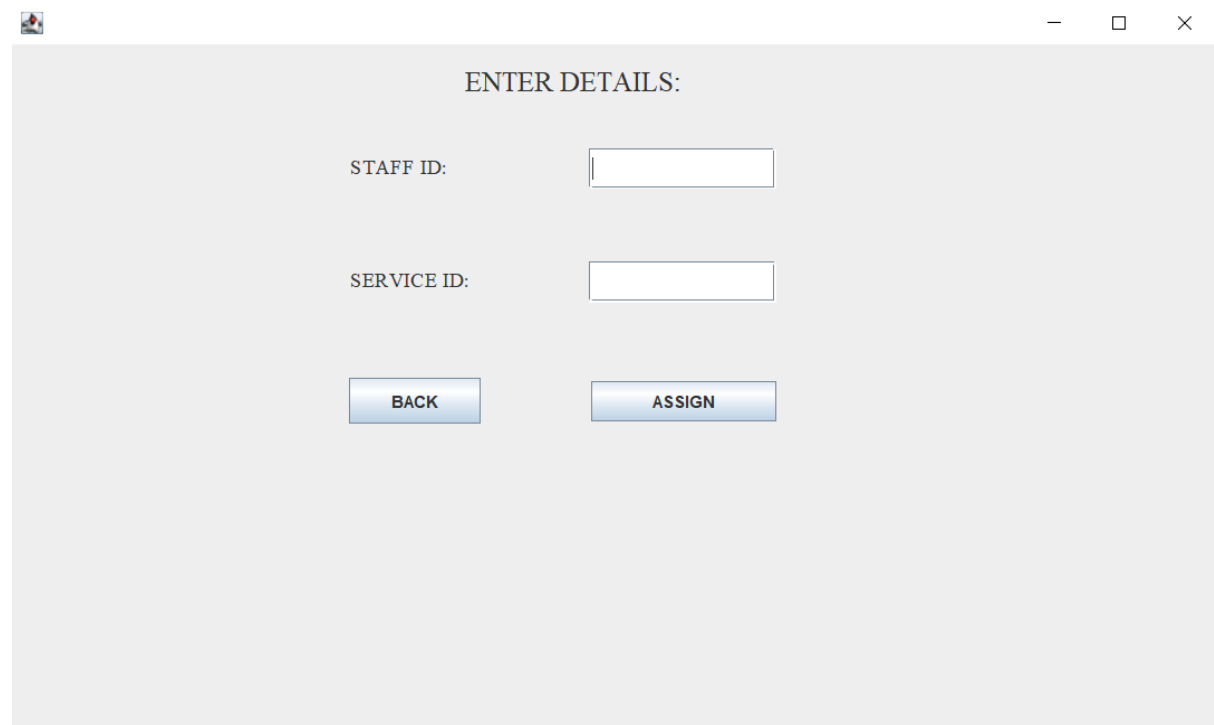
SERVICE NAME:

PHONE NO:

BACK

ADD

Assign Staff



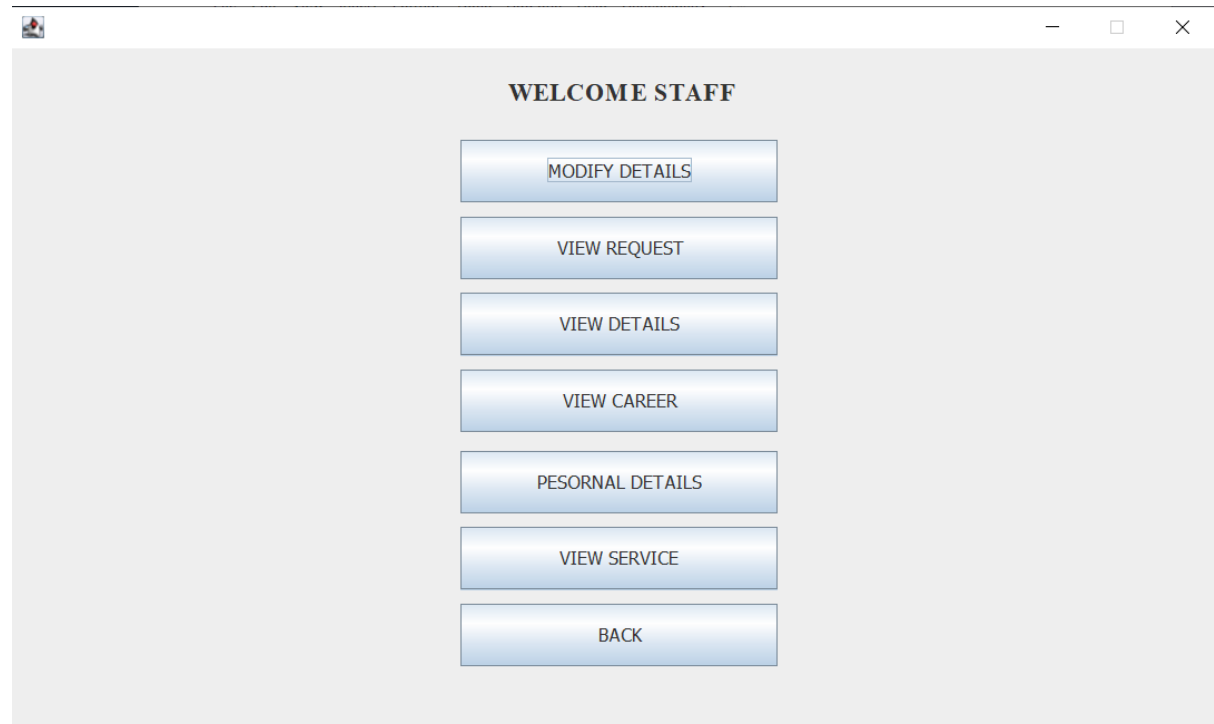
A window titled "Assign Staff" with a standard Windows-style title bar (minimize, maximize, close buttons). The main content area has a light gray background and is titled "ENTER DETAILS:". It contains two text input fields, one for "STAFF ID:" and one for "SERVICE ID:". Below these fields are two buttons: "BACK" and "ASSIGN".

ENTER DETAILS:

STAFF ID:

SERVICE ID:

Staff and functions



A window titled "Staff and functions" with a standard Windows-style title bar (minimize, maximize, close buttons). The main content area has a light gray background and is titled "WELCOME STAFF". It contains a vertical stack of seven buttons: "MODIFY DETAILS", "VIEW REQUEST", "VIEW DETAILS", "VIEW CAREER", "PESORNAL DETAILS", "VIEW SERVICE", and "BACK".

WELCOME STAFF

Modify Staff

—□×

ENTER DETAILS OF STAFF

STAFF ID:

STAFF NAME:

SERVICE ID:

PAYMENT:

SERVICE NAME:

PHONE NO:

BACK

UPDATE

View requests

—□×

VIEW REQUESTS

Rajesh	R	STD001	Monitor Repair	CSE	Pending
Arjun	Narwal	STD002	Frozen Syste...	MEC	Pending
Thomas	Jacob	STD003	Software Up...	EEE	Done
Jayram	Lal	STD004	Virus Scan	CSE	Done
Suresh	Nair	STD005	Plasma Rep...	ECE	Done

VIEW

BACK

View details



staff_id	staff_name	service_id	payment	service	phn_no
STF001	Jonh Jacob	SRV001	350	Virus Scan	9034782645
STF002	Rajesh Raghu	SRV002	700	Hardware Re...	9074625482
STF003	Unni Menon	SRV003	400	Software assi...	8094736284
STF004	Andrew James	SRV004	550	Plasma TV R...	7046245483
STF005	Abhay Raj	SRV005	630	Chip Upgrade	9849390389

GET DATA

BACK

View career details



staff_id	staff_name	service_name	experience
STF001	Jonh Jacob	Virus Scan	7
STF002	Rajesh Raghu	Hardware Repair	8
STF003	Unni Menon	Software assistance	3
STF004	Andrew James	Plasma TV Repair	5
STF005	Abhay Raj	Chip Upgrade	6

VIEW CAREER

BACK

View personal details



PERSONAL DETAILS

Aswin	9843215353
Gautham	9454461323

VIEW

BACK

View service



service_id	service_name
STF001	Virus Scan
STF002	Hardware Repair
STF003	Software assistance
STF004	Plasma TV Repair
STF005	Chip Upgrade

VIEW SERVICE

BACK

HOD and functions



WELCOME HOD

REQUEST SERVICE

ADD STUDENT DETAILS

ADD FACULTY DETAILS

APPROVE REQUEST

BACK

Request service



REQUEST SERVICE

FIRST NAME

LAST NAME

ID

SERVICE

DEPARTMENT

STATUS

BACK

ADD

Add staff



ADD STUDENT DETAILS

FIRST NAME	<input type="text"/>	LAST NAME	<input type="text"/>
STUDENT ID	<input type="text"/>	DEPARTMENT	<input type="text"/>
DISTRICT	<input type="text"/>	DIVISION	<input type="text"/>
SEM	<input type="text"/>	DOB	<input type="text"/>
STREET		<input type="text"/>	

BACK

ADD

Add faculty




ADD FACULTY DETAILS

FIRST NAME	<input type="text"/>	LAST NAME	<input type="text"/>
FACULTY ID	<input type="text"/>	DEPARTMENT	<input type="text"/>
DIV ADVISOR	<input type="text"/>	DOB	<input type="text"/>
DISTRICT		<input type="text"/>	

BACK

ADD

Approving requests

 — □ ×

REQUESTS FOR APPROVAL

Rajesh	S	reqapp001	Keyboard rep...	CSE	
Abhay	Raj	reqapp002	Monitor repair	MEC	
Karthik	Unni	reqapp003	Software upd...	MEC	
Deepak	Narwal	reqapp004	Virus scan	EEE	
Vishnu	Menon	reqapp005	Frozen syste...	ECE	

ID


STATUS

ACCEPT

VIEW

BACK

Student and functions

 STUDENT — □ ×

WELCOME STUDENT

REQUEST FOR APPROVAL

SEND REQUEST FOR SERVICE

MODIFY STUDENT DETAILS

BACK

Request for approval

 REQUEST APPROVAL

— □ ×

REQUEST FOR APPROVAL

FIRST NAME

LAST NAME

STUDENT ID


SERVICE

DEPARTMENT

BACK

ADD

Request service

 REQUEST SERVICE

— □ ×

REQUEST SERVICE

STUDENT ID

FIRST NAME

LAST NAME

SERVICE NAME


DEPARTMENT

STATUS

BACK

SEND REQUEST

Modify details


 Student— □ ×

MODIFY STUDENT

Student ID	<input type="text"/>
First Name	<input type="text"/>
Last Name	<input type="text"/>
Department	<input type="text"/>
DOB	<input type="text"/>
District	<input type="text"/>
Student Division	<input type="text"/>
Semester	<input type="text"/>
Student Street	<input type="text"/>

BACK**UPDATE**

Faculty and functions

— □ ×

WELCOME FACULTY

REQUEST SERVICE

SEND REQUEST FOR APPROVAL

ADD STUDENT DETAILS

BACK

Request Service



REQUEST SERVICE

FIRST NAME	<input type="text"/>
LAST NAME	<input type="text"/>
ID	<input type="text"/>
SERVICE	<input type="text"/>
DEPARTMENT	<input type="text"/>
STATUS	<input type="text"/>

BACK**ADD**

Request for approval



REQUEST FOR APPROVAL

FNAME NAME	<input type="text"/>
LAST NAME	<input type="text"/>
ID	<input type="text"/>
SERVICE	<input type="text"/>
DEPARTMENT	<input type="text"/>

BACK**ADD**

Add student



ADD STUDENT DETAILS

FIRST NAME	<input type="text"/>	LAST NAME	<input type="text"/>
STUDENT ID	<input type="text"/>	DEPARTMENT	<input type="text"/>
DISTRICT	<input type="text"/>	DIVISION	<input type="text"/>
SEM	<input type="text"/>	DOB	<input type="text"/>
STREET		<input type="text"/>	
<input type="button" value="BACK"/>		<input type="button" value="ADD"/>	

Group members:

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