

# Project Report

## Hostel Management System

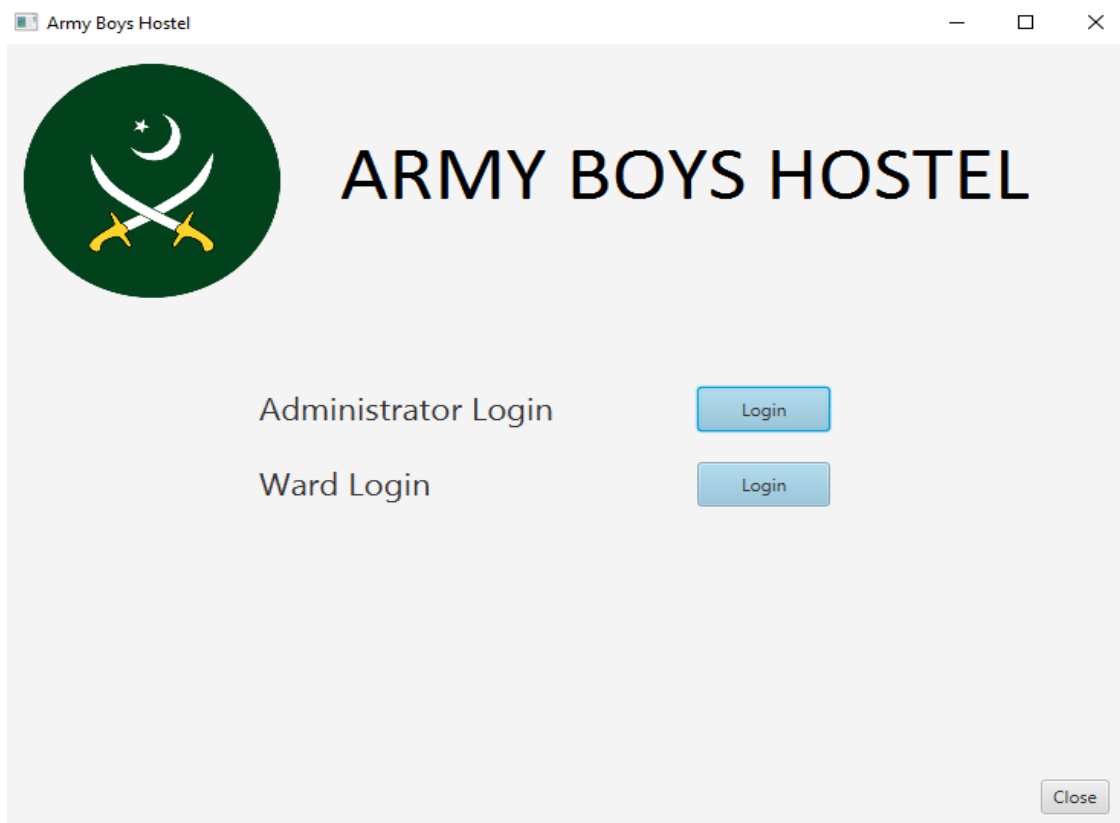
### Introduction:

The system is designed to handle a variety of hostel management-related activities. It will enable remote management of all fundamental operations held during managing hostel. As the system uses a database to store data, it will ensure data security and management more efficiently than manual data management. This will aid organisations in managing data in an ordered manner.

The system's goal was to make it simple for management and the wards to perform daily tasks.

### Interface:

Java FX is implemented to enhance system interaction, and a responsive graphical user interface was created keeping in view all specified standards into consideration. The interface of the system is built in a way that it is capable to handle and react to all possible scenarios.





# ARMY BOYS HOSTEL

## Adminitrator Login

[Back](#)[Login](#)

## Ward Registration

First Name

Last Name

Phone Number

City

Address


Username

Password

Confirm Password

[Back](#)[Register](#)

Army Boys Hostel



# ARMY BOYS HOSTEL

Ward Id: ranarafay

## Request Service

Select service

Description:

Back
Submit

## Database:

For storage purpose MySQL is used to interact with the system and store all the data.

SCHEMAS

Filter objects

- project
  - leaves
  - services
  - useraccount
  - wards
- Views
- Stored Procedures
- Functions
- sys

Administration
Schemas

Information

No object selected

SQL File 3\*

Limit to 1000 rows

1
2
3
4
5

```
select * from wards;
```

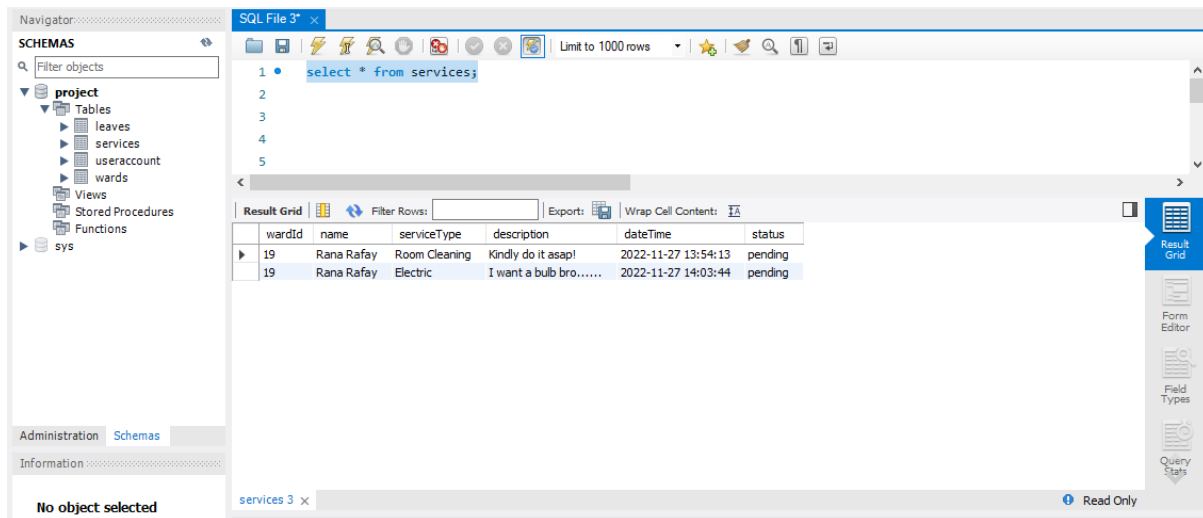
Result Grid

wardId	firstName	lastName	phoneNumber	city	address	username	password
19	Rana	Rafay	03103608836	Islamabad	Abh, Rwl	ranarafay	123
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

wards 2

Apply
Revert

Result Grid
Form Editor
Field Types
Query Stats



## Conclusion:

The business logic layer is designed and implemented keeping in view all Object-Oriented Programming Principles. Application uses all necessary design patterns accordingly.

System can be used to manage Hostels but it specifies the use cases for Army Boys Hostels and is designed in favour of ABH management.