**Cyber Café Management System**

**Milestone 1**

**Problem Statement:**

Usually, cybercafé maintain their daily records manually. For further reference, they store all the working hours, usernames, user charges, and addresses daily in the record book. As the manual method is very time-consuming and hectic which sometimes leads to data loss, even processing is not up to the mark which creates inefficiency. Report generation becomes a very tedious and error-prone process.

The purpose of this project is to manage various cybercafé activities which can be maintained where we collect all the records of customers. Based on usage, charges will be calculated. The owner can add the number of computers, create passwords for secure login purposes, manage the list of customers as well as computers. At the end of the day, owner will be able to calculate total income.

**Objective:**

* Create an automated system that will be used to manage and store information about the cyber café's functioning.
* The owner will allocate idle computer to a customer from list of computers.
* The owner will be able to keep track of all his customers and he can calculate his income on daily basis.
* The owner can manage and manipulate all the computers and all the related information.
* Registered customers can log in through the user id and password.
* Customers can view their session charge, profile as well as computer details.
* Customers can edit their profile.

**Functions to be implemented:**

* Owner Functions
  + Owner login
  + New owner registration
  + Allocate idle computer
  + Show list of all customers
  + Update customer
  + Delete customer
  + Search customer
  + Charges per customer
  + Income per day
  + Add new computer
  + Show computer list
  + Edit computer
  + Delete computer
  + Search computer
  + Update owner profile
* Customer Functions
  + Customer login
  + Customer registration
  + Charges as per duration
  + Session Time
  + Update profile
  + Customer log out

**Programming skills:**

* C++ ,(Python)

**Database :**

* Sqlite3

**Software used:**

* Visual Studio
* Python IDE
* Windows Operating System

**Team Sharda**

**Team Members**

1) Akash Shikare

2) Diptajit Ghosh

3) Hrushikesh Ahire

4) Kadir Sheikh

5) Pranjal Enchalwar