

Time Tracking System

Requirement Specification

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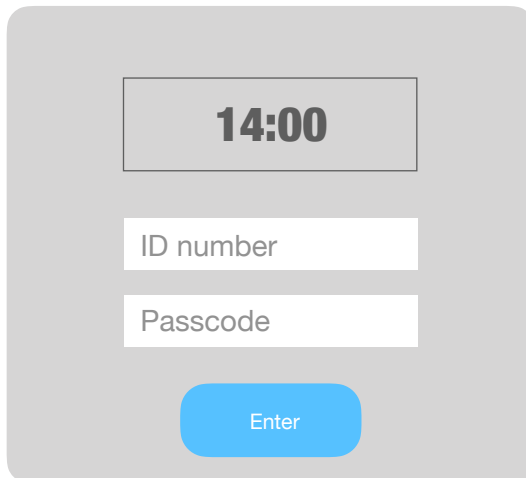
Objective

To create a Time tracking system, that allows the user to perform the following task:

1. Login / Logout
2. View time logged as the employee
3. View time logged as the administrator

Requirements

- R001 Must be created using Java (SE) technologies
- R002 Must run on Desktop
- R003 The Login / Logout window **shall** launch first.



Proposed design, but you can design your own as long as it contains the same UI elements (ie. Clock)

- R005 The Clock on the Login / Logout window **shall** keep running, following the System clock from the OS it is running on.
- R006 Only the ID number **shall** be used during login, not the name or other info from the user.
- R007 ID number **shall** be numerical in nature only.
- R010 Passcodes can either be numeric, alpha or alphanumeric (combination of numeric and alpha)

R009 After logging in, the user shall see his information and time logged history.

The proposed design shows a user information section with the following details:

- Name : Juan De La Cruz
- ID # : 1234
- Age : 38
- Gender : M
- Address : House 1, Corner 2, Street 3, Some City

Below the information are three buttons: "Remove Entry", "Add User", and "Remove User".

Below the buttons is a table with the following data:

ID Number	Date	Time In	Time Out
1234	14/12/2018	8:00:00 AM	5:30:00 AM
1234	15/12/2018	8:00:00 AM	5:30:00 AM
1234	16/12/2018	8:00:00 AM	5:30:00 AM

Proposed design, but you can design your own as long as it contains the same UI elements (ie. Clock)

- R010 Only the user who is logged in, shall see his time log. Multiple can log in but the time log shown will only be from the user currently logged in.
- R011 Log in as Admin **must** allows special privileges, deleting entries (time logs) of users and adding / deleting users.
- R012 Add and Remove user is only enabled or visible when logged in as Admin.
- R013 User or Admin can remove an entry (time log).
- R014 Remove entry button removes the selected time log from the table.

Deliverables

D001 Deliverables **shall** be done via their respective Git (www.github.com) repository created by the moderator.

D002 The <readme.md> **shall** be updated, with the following information:

- Project Name
- Team Name
- Team Members Name
- A short description of the project
- Date Started
- Date Expected to be Released

D003 Deliverables, in their Git repo, shall be structured as follows:

```
reponame/
|— readme.md
|— src/
|   `— *.java
`— doc/
    `— *.doc
```

D004 Repo (Git) **SHALL** contain only the source code. The moderator shall build and compile source.