

TITLE: -

USER HANDBOOK/PERSONAL PLANNER
(By using Java GUI Libraries)

BRIEF DESCRIPTION: -

Since nowadays people have to manage their work load and they often end up mismanaging the efficiency and performance of work by forgetting the plan of the day, we introduce a handbook like personal planner where the user can manage all his or her daily tasks and duties. This project will be made on Java based on a Graphical User Interface (GUI). The idea or concept of the project is making of a Management System where a user can manage work, academic records, things to do etc.

Our focus will be towards the Work Management System of the user where the user can manage and remain updated by the ongoing activities. The project will be a combination of many interfaces and each interface will be responsible for its respective properties and in this way, we will create a dynamic layout of the application.

The project will be a type of an LMS/CMS giving the user a quick access, more details about what the application can do is given under the Objectives Section.

The Project will go through many types of modifications depending on time and resources we have studied up till now. Completion of work and building a successful desktop application is our priority.

The Application will be made on IDE software such as, IntelliJ IDEA Community Edition 2019 and Eclipse 2019.

If in case, there is plenty of time remaining we might also make either Mobile Application or Web Application for our Desktop Application to widen the App network and to get more reach. Every group member will equally participate in the process of application making, making every member of group understand the concepts and practical implementation of the Object-oriented Programming.

The estimated time for completion of the project will be one month, hence our aim is to complete the project within the start of July, based on the uncertainty of on-going situation.

REASON/JUSTIFICATION FOR THE SELECTION OF THE PROJECT: -

Although there is not a sole reason of why the group members have decided to make the USER MANAGEMENT SYSTEM as our project, but we concluded that everyone can easily coordinate with each other in making of this project.

Another reason why we selected this project is due to the limited resources everyone had in the ongoing crisis, no one has to go through a lot of struggle to make this project, in-fact as initial project for everyone it was the best approach.

This project is not time consuming and we might be able to complete this project before the given deadline hence which will give us time to focus on any room for improvement and for bug fixings. As discussed earlier, we might be able to expand our Application by introducing it to different platforms **if possible**, to widen the reach and make it available as in website, or mobile Application. This Application can be used as a product and we can modify it to the level where we can monetize from it in the future by approaching to different educational institutes and offices depending on the changes we make on it, adding more; the application will be affordable too if incase we want to sell it, since it does not require any complicated code and energy, making this reason a salient one to go for this application.

Furthermore, the code for the application will be concise, readable, and easy to understand, allowing everyone to get how this project was made.

Last but not the least, we also went with the idea of making this project because we thought and understand that we would be able to give presentation on this project very easily and we can make people understand about what we went through during this project, it's component and compilation and also it would help us during the viva.

OBJECTIVES: -

- 1- Registration & Login of user through this Desktop Application
- 2- Announcement related to change in policies of the institution being conveyed to the registered users.
- 3- Conduction of surveys through the portal.
- 4- Display of user's financial details that includes bank statements of past months, current account balance and much more
- 5- Display of user's bio data, that includes one's contact information, residential address, and other personal details.

ADVANTAGES: -

There are several advantages of this project. One of the main advantages on the behalf of the student is that they can easily check out their grades in ESE, OHTs 1, OHTS 2, Quizzes and Assignments and latest announcements in the LMS Portal. Apart from that bank challans, biodata, view their unofficial transcripts and many other things that are mentioned in the Objectives. Now on the behalf of teacher, one of main advantage is that teachers can easily take remote quizzes and assignments from the students and can grade them in less time and more efficiently. In short, this management system will make connections between teacher and students and both entities to the main domain, Institution or maybe later with organizations. The user can maintain all the data and in a manageable form in a platform.

Work Tab Advantages: -

- 1- To make it easy to offer centralized source of learning to multiple users and the training, performance, and content can be accessed from the same source.

- 2- Enabling fast delivery of results, attendance, fee challans in case of Campus Management System.
- 3- Enabling the user to track his/her weekly, monthly or yearly performance.

AREA OF APPLICATION: -

The user will be updated by all the recent events as well as the user can have quick access to all the stuff that has been mentioned in one go. It is like carrying a smartwatch where the user knows the important details only, instead of going through many other ways.

This type of application is widely use in all over the fields especially in education field. It can be used in hospitals, universities, schools, colleges etc. depending how we make it. It has different parameters in different fields. It can be updated and managed time to time.