



# **INTEGRATED DESIGN PROJECT**

**CSE-460**

## **UI Design Report**

### **Group-08**

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# UI Design Report

## Group—8

1. **Introduction:** The UI of our system is built on web-based platform. In this case, we have used HTML & CSS in front-end, PHP and JavaScript in the back-end to connect the web with database. The database is created in localhost using MySQL.

2. **Current UI:**

- a. The web site has a login page. The username and password is stored in the database. The page retrieves the credentials and work in session.

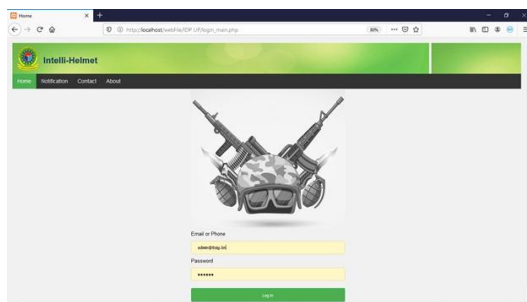


Figure 1 (A-a): Actual Page



Figure 1 (A-b): Mockup Page

- b. The home page shows the list of combat groups the user (from here addressed as DS) is logged in.

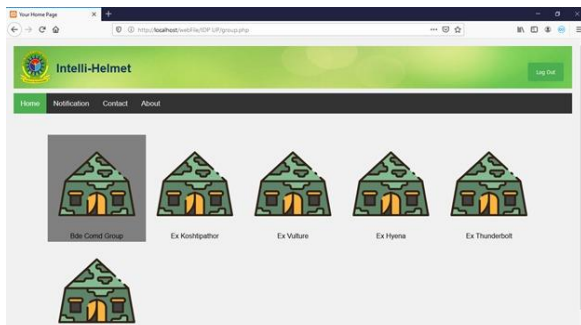


Figure 1 (B-a): Actual Page



Figure 1 (B-b): Mockup Page

- c. Clicking on any of the groups will show the list of DS and employed soldiers (Henceforth addressed as user).

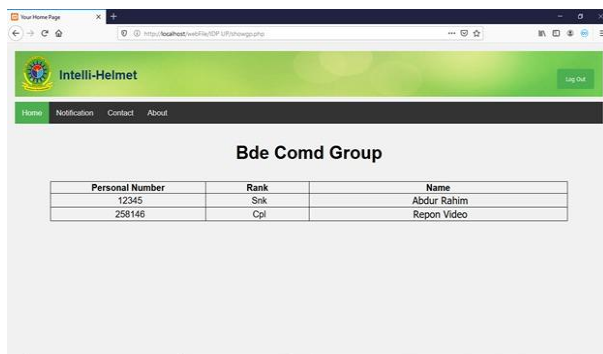


Figure 1 (C-a): Actual Page

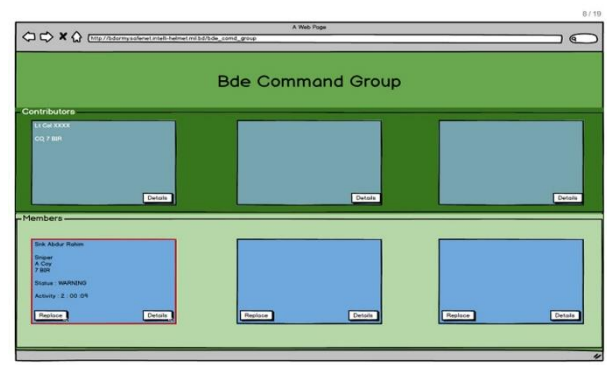


Figure 1 (C-b): Mockup Page

**Deviation:** In the mockup, along with the users, the list of DS was also available.

**Reason:** But, later on, it was proven unnecessary. That is why the list of DSs has been discarded.

- d. Clicking on any name will show his personal profile along with all the data collected by the system will be shown. The previous records as well as the current statistics will be shown here.

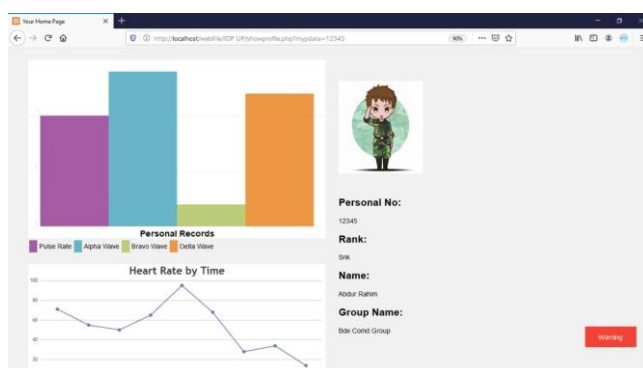


Figure 1 (D-a): Actual Page

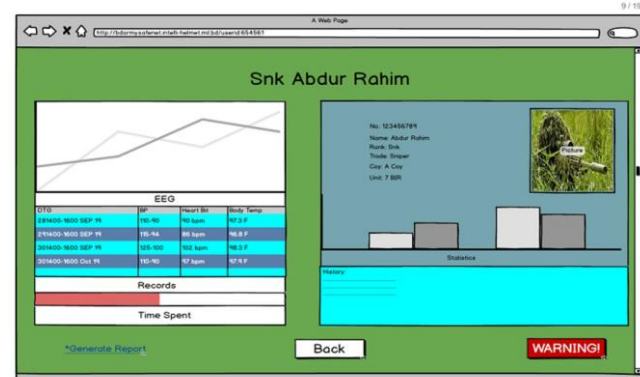


Figure 1 (D-b): Mockup Page

- e. Basing on their current statistic, analyzing the data with threshold level, a button will be produced indicating the condition of the user: 'Stable' or at 'Warning'. The Stable button will not do anything .But, the Warning button will create an action dialogue with an option to replace the user.

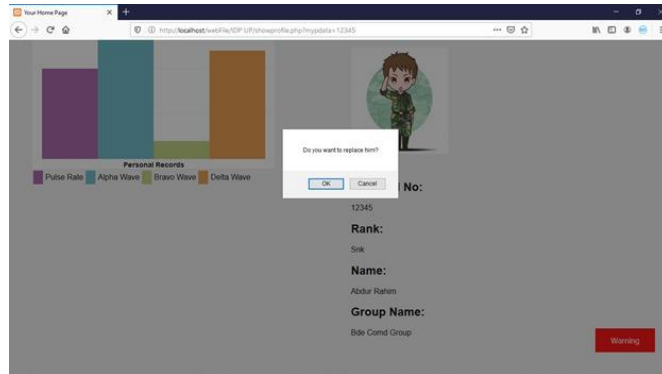


Figure 1 (E-a): Actual Page

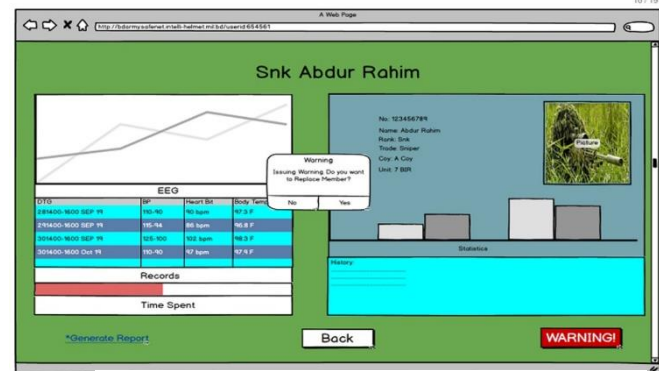


Figure 1 (E-b): Mockup Page

- f. Basing on the shown record or statistics (from D) if willing, DS can proceed to generate a report. Clicking on "Generate Report" will create a detailed report and export in PDF format.

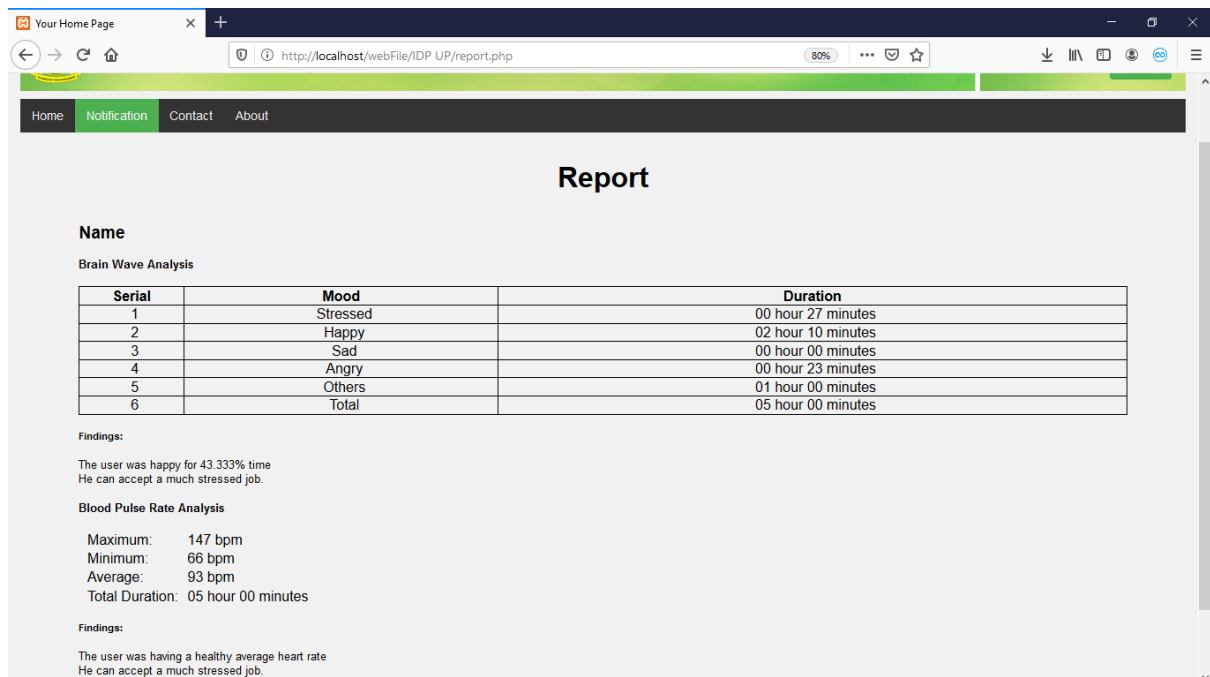


Figure 1 (g-a): Actual Page

**Deviation:** In the mockup, a PDF file would have been generated with report. But, actually, we are showing it in a separate page at first. Then, there will be provision for exporting PDF format.

**Reason:** The report generated has been exported directly as PDF in the mockup. In that case, it was not possible to view it before exporting. Hence, we have improvised to see it in the UI before exporting as PDF.

g. Clicking on the Notification sign, will show all the notifications for the DS.

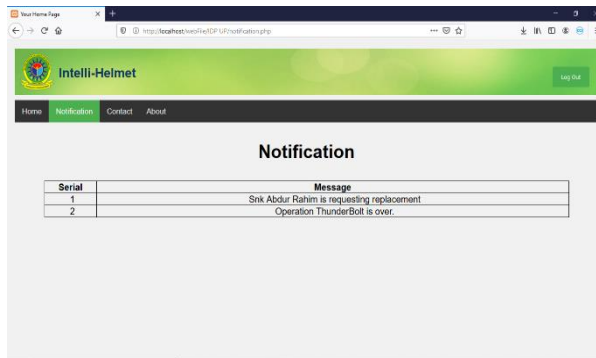


Figure 1 (g-a): Actual Page

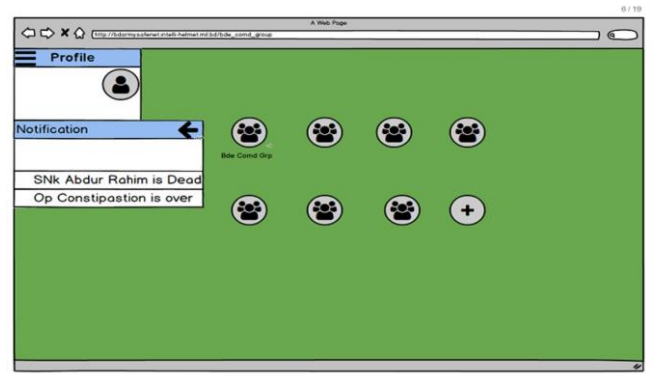


Figure 1 (g-b): Mockup Page

**Deviation:** The web file shows a new page to show all the notifications. But, the mockup had side paneled navigation.

**Reason:** The notifications messages are stored in the database and been shown from there. It is more feasible to show database data in a new page rather than in a side panel.

h. For knowing about the project and how they function, an "About" page is there in the main UI. It contains a few descriptions about the system. It also has a tutorial video on how to use the UI. These were not catered for in the mockup.

i. **Deviation:** There were no help section in the proposed mockup. But, 'a' about section followed by a video tutorial is added here.

ii. **Reason:** As a new system, it might be tough for new users to use the UI. So, the about section gives them a brief theory about our system and how the system functions. And to help the users to go through the UI, the tutorial video has been added so, users might not feel any discomfort while using the UI.

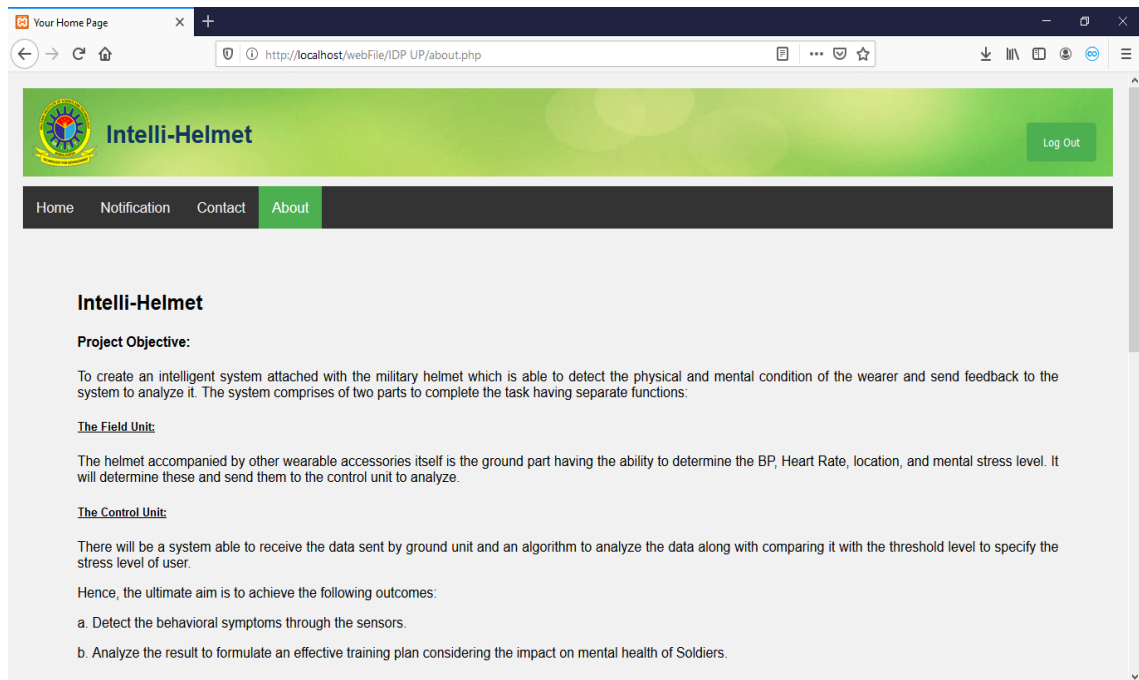


Figure 1 (H-a): Actual Page (Description)

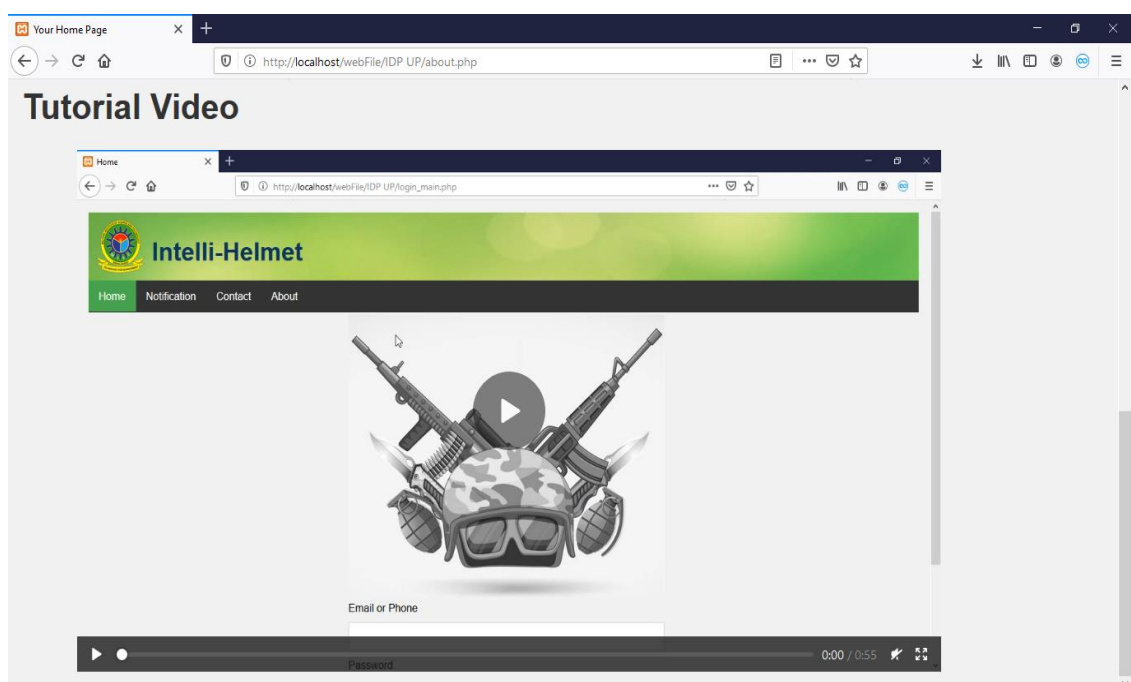


Figure 1 (H-a): Actual Page (Tutorial video)