CENG 491

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Weekly Progress Report

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This week, we detailed the project. First of all, the project consists of four main modules namely Mobile Application, Database, Server and Web Interface.

- **Mobile Application** is responsible for communicating between mobile phone and health service device that measures heart rate, ECG, Blood pressure Heart rhythm regularity etc. In addition, this application is supposed to send these information to the **Server** and it will support an interface to the customer.

- **Database** is responsible for keeping records of customers and doctors.

- **Server**'s aim is to provide a secure connection between Mobile Application, Database and Web Interface. In addition, customers can access to the doctors 7/24 via 3G service which will be handled by **Server**.

- **Web Interface** provides an interface to doctors in order to manage the customers records and communicate with them using camera.

The following chart shows the general structure of the project.
Environment for Development

In order to develop
  • *Mobile Application* we will use J2ME,
  • *Server* we will use JSP-Servlet,
  • *Database* we will use MySQL,
  • *Web Interface* we will use JSP-Servlet, JavaScript, Ajax.

We will develop our project using NetBeans or Eclipse in Microsoft Windows Environment.