Project Title

Software Engineering Course Project

Project Design Specification Document

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Group ID

Name Roll Number

Name Roll Number

Instructor

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Session 2012-2013

Department of Computer Science

Lahore University of Management Sciences

Lahore

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# Project Design Specification Document

Note: All Diagrams should be in Visio

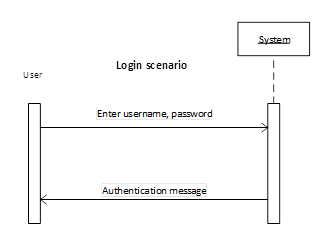
## Use Case Diagram

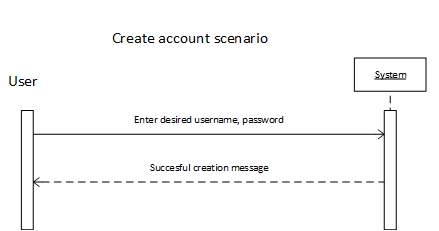
Revised use case diagram showing all use cases in one diagram. Use of includes and extends where appropriate.

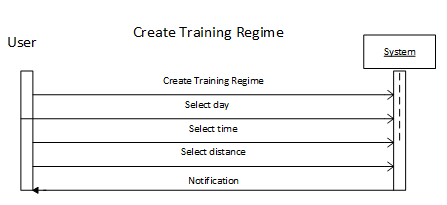
## System Architecture

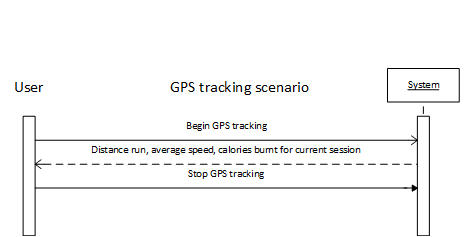
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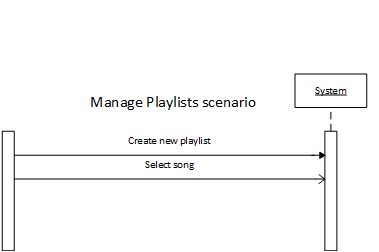
## System Sequence Diagrams



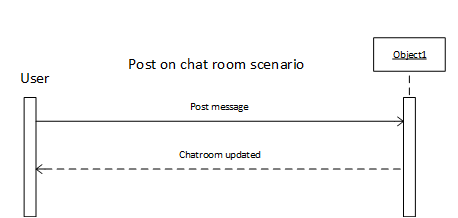


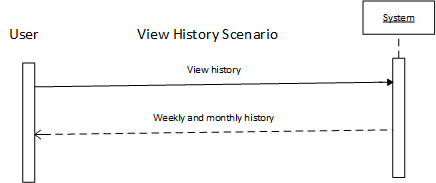




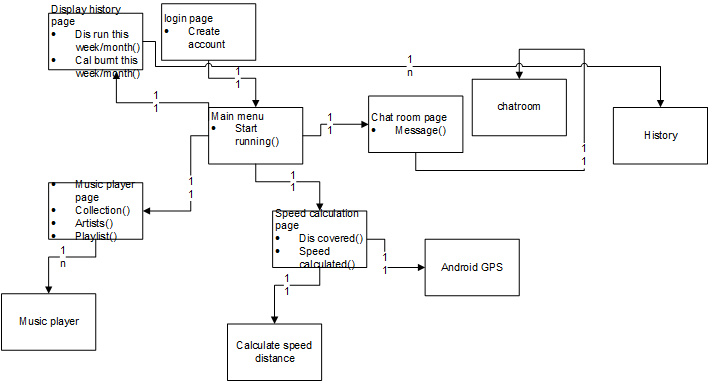




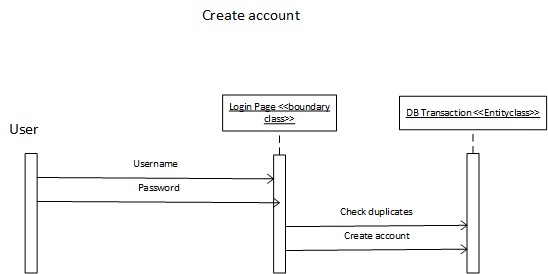


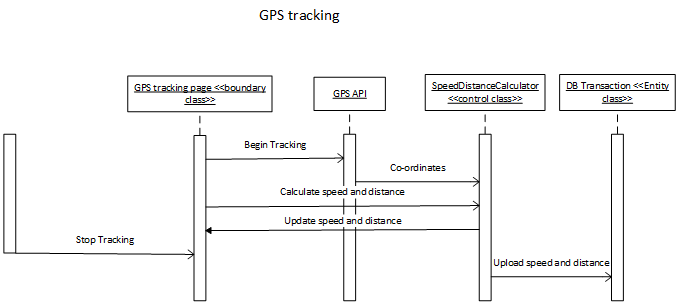


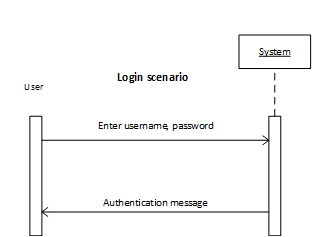
## Domain model

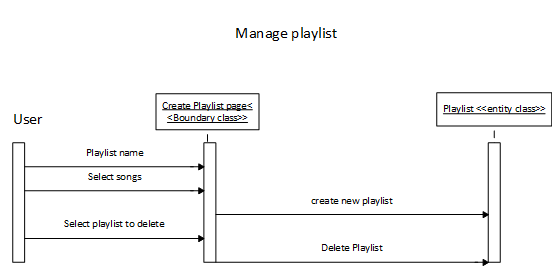


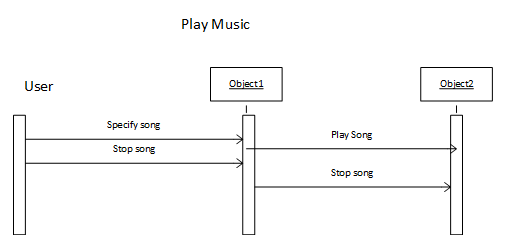
## Sequence diagrams

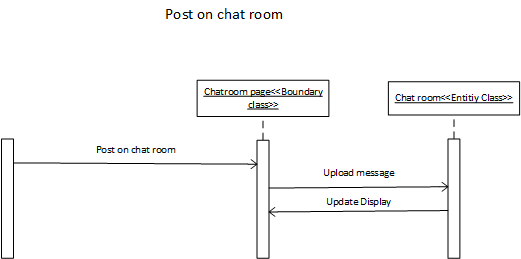




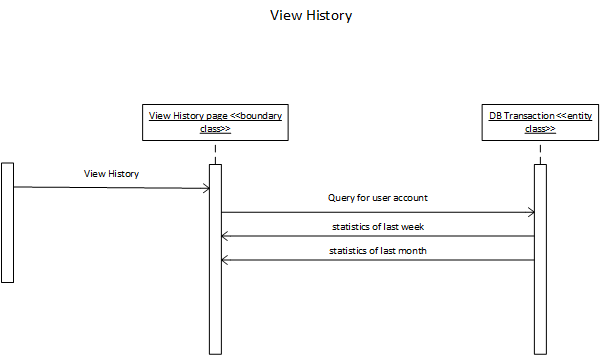


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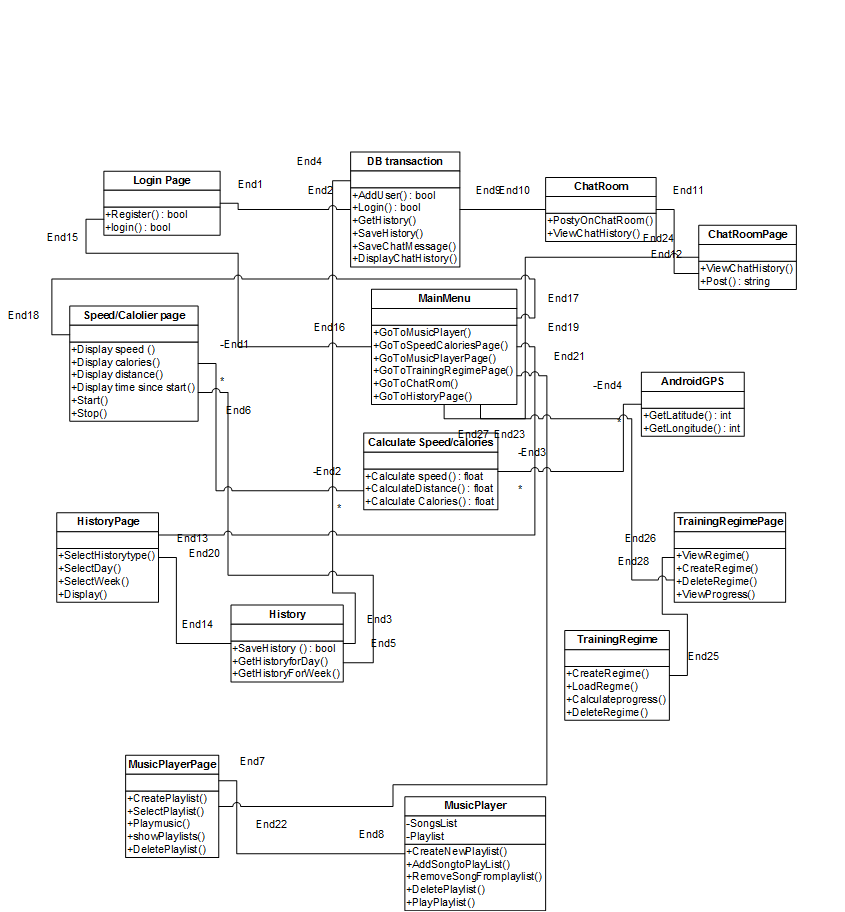
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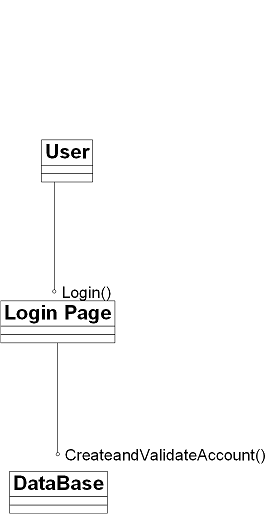


## Class diagram



## Collaboration Diagrams

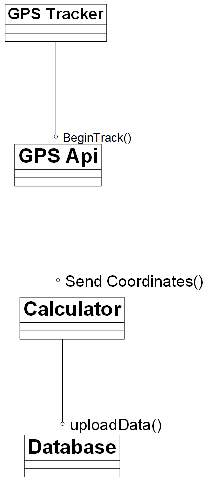
#### Login



#### Create Training Regime



#### GPS Tracking



#### Login

#### 

#### Manage Playlist

#### 

#### Play Music

#### 

#### Post on Chat Room

#### 

#### View History



## State charts

One for each use case

#### Calculate Speed distance

#### 

#### Login/Register



#### History



#### Music Player



#### Post on Chat Room



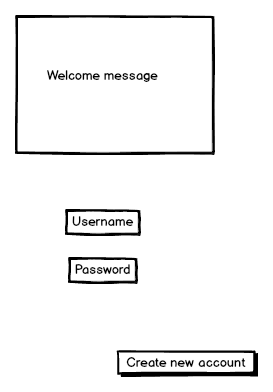
#### Training Regime



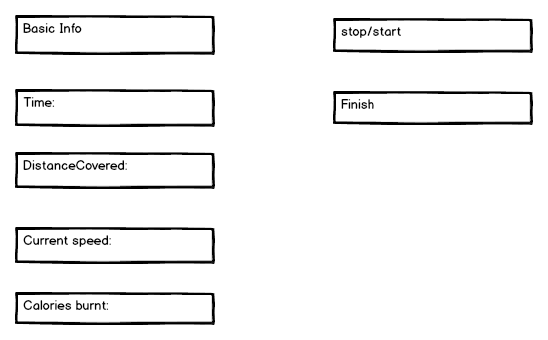
## Human Interface Design

### Screens

#### Welcome message



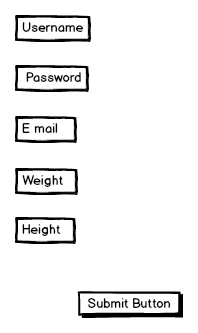
#### Basic Info



#### Main Menu



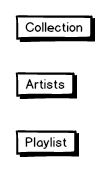
#### Create Account



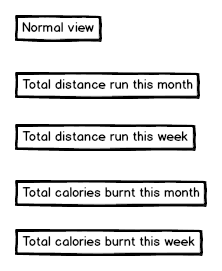
#### Chat Room



#### Music Menu



#### History page



### Navigation Flow

