

METU CENG491 2015 FALL

START-UP DOCUMENT

Group: 32

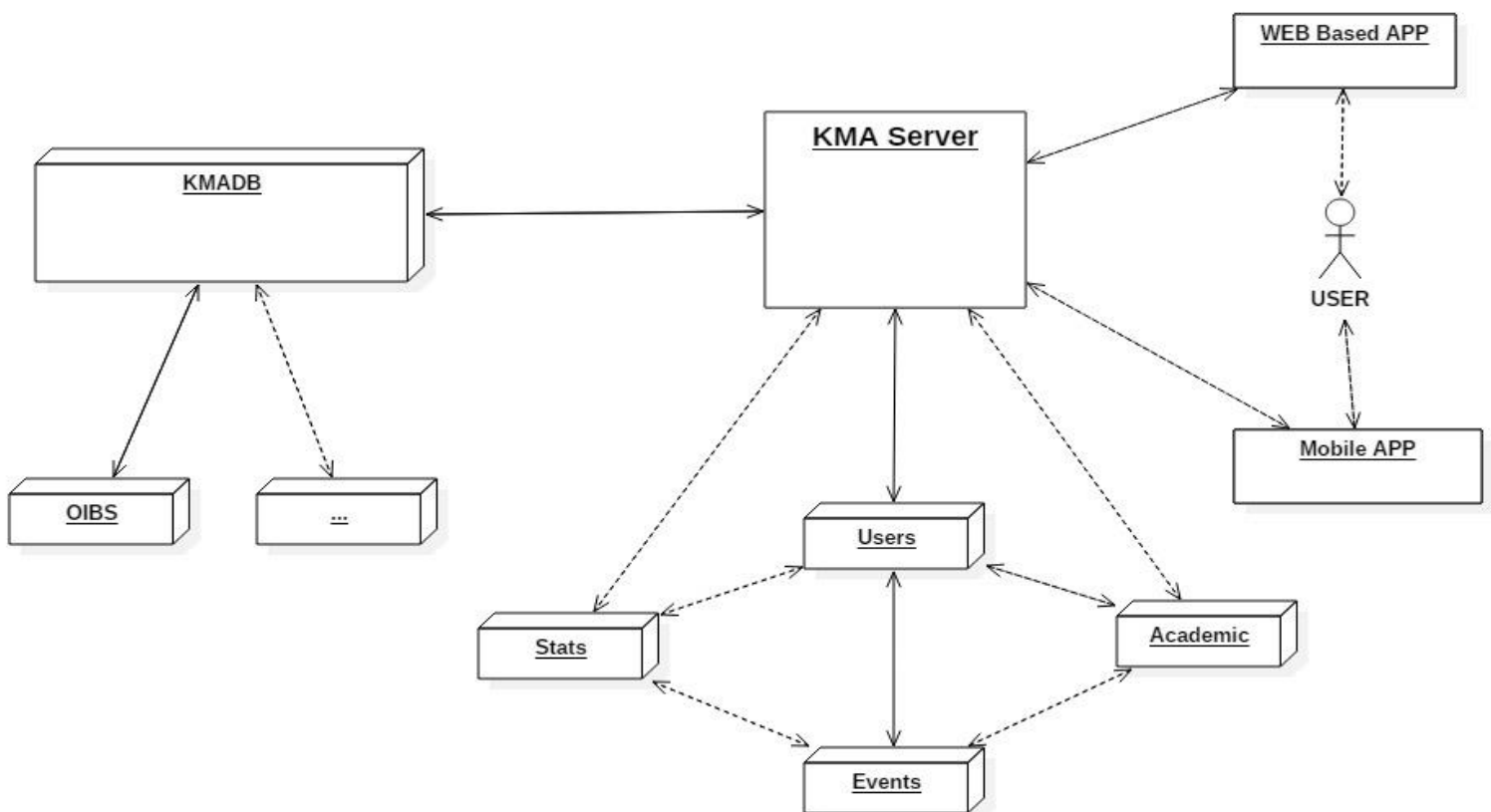
Group Name: *Keep Me Aware*

Project Name: *Keep Me Aware*

1. System Architecture

- *Draw the overall system architecture diagram. This should include (but it is not limited to) the components of the system, the interactions among the components and their dependencies.*
- *Identify and describe each component (including subcomponents if any), their interactions and dependencies clearly.*
- *Specify the user interaction model.*

Overall System Architecture Diagram



KMADB: Keep Me Aware Database

In this Database we store collected information from different Universities in order to be able to automatically generate schedule for users with academic status. (Instructors/Assistants/Students)

Our second part of the Database is devoted to storing different statistical data about events, users and event organizers.

KMA Server: Keep Me Aware Server

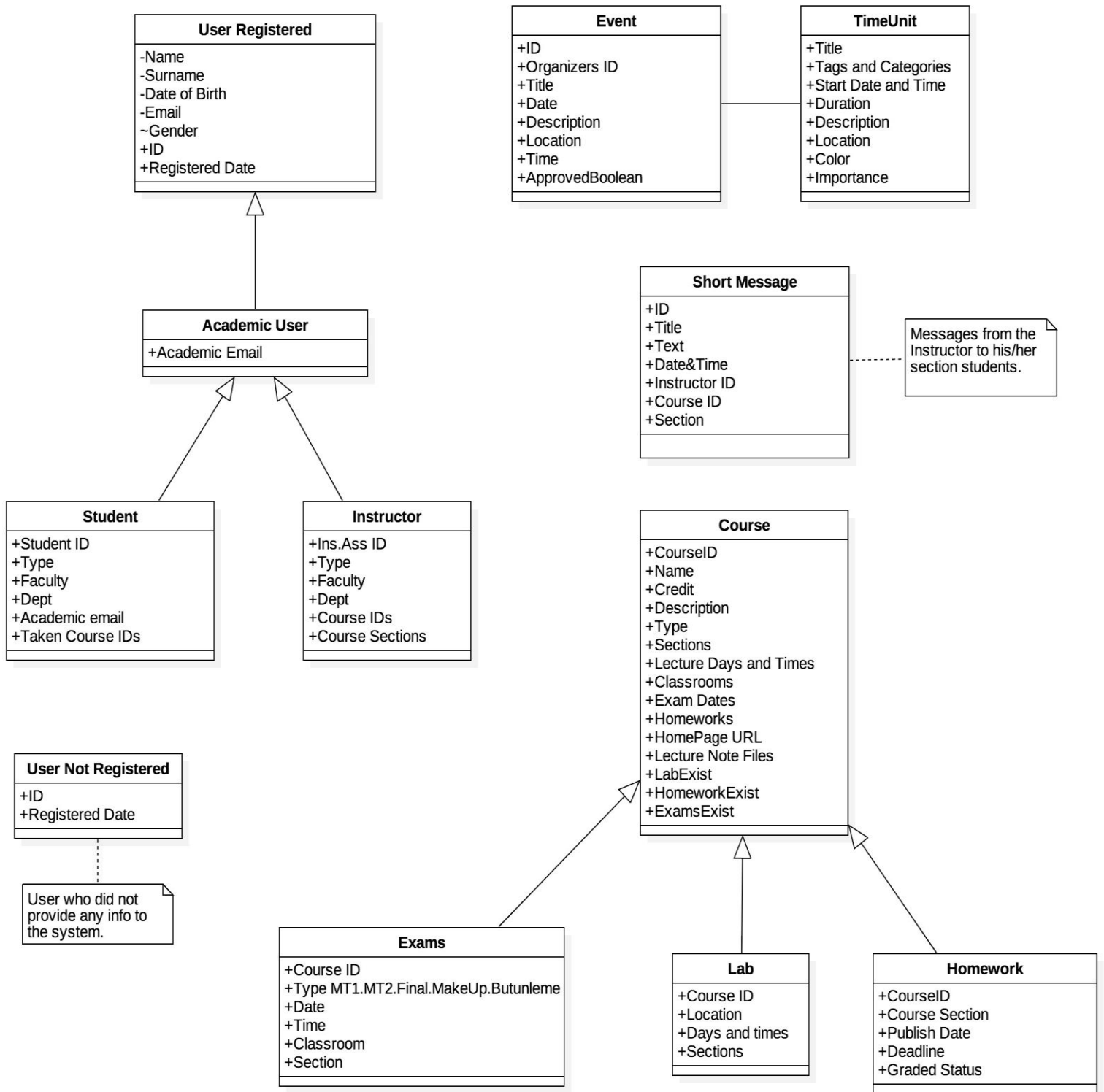
Is responsible for all the data manipulation in the system. Divided into 4 parts described below.

Users: User's functionality: create/edit/share events, send messages, create schedule, etc.

Stats: Part of the system for computing statistics of events, users and event organizers as well as making conclusions out of this information.

Events: Module for monitoring events activities: subscribes, event views, add to event list, providing statistical data for "Stats" module, etc.

Academic: All the special functionality for University members: automatic schedule creation, monitoring courses, instructor to section messaging, etc.



ER Diagram (Initial)

2. Tentative Time Plan

- Identify and itemize all tasks to be performed as a team in the first semester. Assign a unique TaskID for each task. Give a short name and brief description for each identified task.

TaskID	Short Name	Description
T1	DB Schema	Creating Database Tables
T2	Registration/Login	Design UI/UX – Mobile + Desktop
T3	Registration/Login	Server side
T4	Registration/Login	Mobile
T5	Registration/Login	Desktop
T6	Experimental Data Creation	Creation of expected IOBS-like systems' database
T7	Schedule Page	Desktop + Mobile
T8	KMA Admin Page	Desktop admin page for KeepMeAware Admin
T9	EO Admin Page	Event Organizer Desktop admin page
T10	Event Creation	Desktop Admin Event Creation Page
T11	Notifications	First Version of Notifications for Mobile
T12	Notifications	First Version of Notifications for Desktop
T13	Basic Statistics	First Version of Event Statistics
T14	Basic Statistics' Graphs	Event Statistics graph representation

- Construct your time plan as a simplified Gantt chart, as shown in the following table.

	Iteration1	Iteration2	Iteration3
T1	■	■	■
T2	■	■	■
T3	■	■	■
T4	■	■	■
T5	■	■	■
T6		■	■
T7		■	■
T8		■	■
T9		■	■
T10		■	■
T11			■
T12			■
T13			■
T14			■

3. Deliverables

- *Identify and list all deliverables of your project for the first 3 sprints.*
- *A deliverable is some component or sub-component, which is running and demonstrable to your assistant and your supervisor. That deliverable is of course subject to improvement over time.*
- *Fill in the following table:*

Deliverable	Description	When? (Sprint#)
D1	DataBase Schema	1
D2	Registration (Desktop/Mobile)	1
D3	Add/Delete/Edit/Publish Event	2
D4	Desktop Basic Version (Admin + Schedule Pages)	2
D5	Get Stats(Basic)	3
D6	Creating Basic Schedule	3
D7	Notifications for both Mobile and Desktop	3

4. Workload Distribution

Fill in the following table to distribute the workload for the first semester among your team members.

	Sprint - I	Sprint - II	Sprint - III
Yusuf	T1, T3, T5	T6, T8, T9	T13, T14
Elaman	T1, T3, T5	T6, T8, T9	T13, T14
Paul	T1, T2, T4	T6, T7, T10	T11, T12
Danil	T1, T2, T4	T6, T7, T10	T11, T12