

# **METU CENG491 2015 FALL**

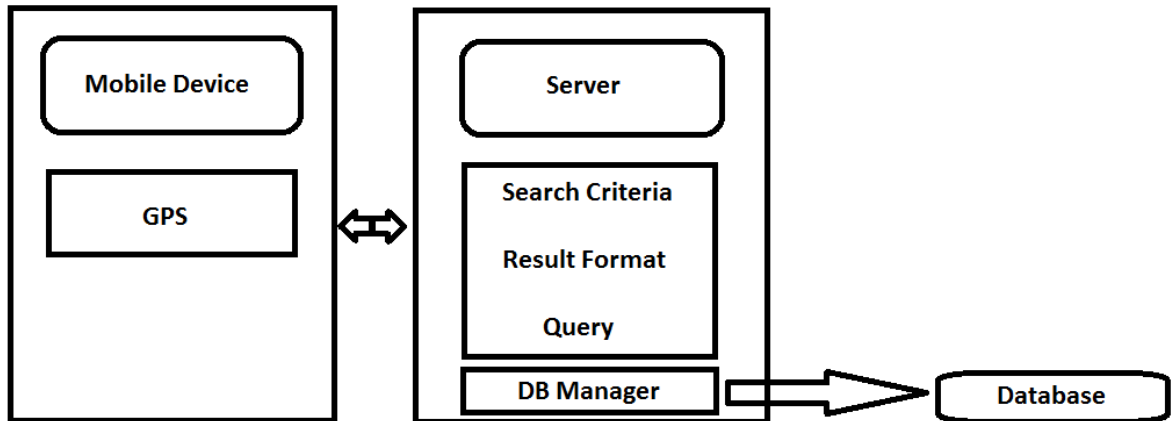
## ***START-UP DOCUMENT***

*G21P37*

**Group Name:** *Takla*

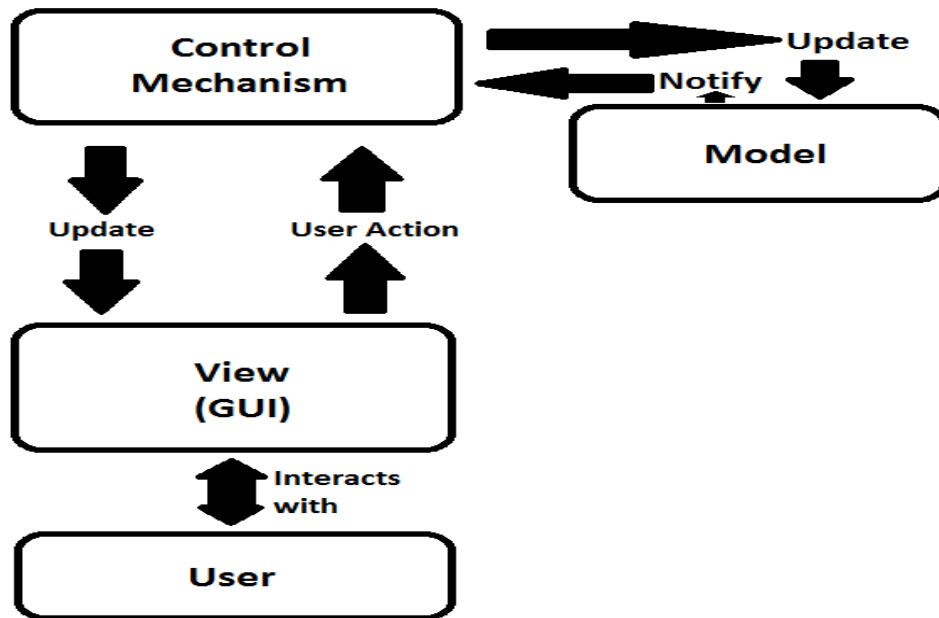
**Project Name:** Trade Center

# 1. System Architecture



Architecture Diagram

Users will access the GUI via their mobile devices. GPS information of the users will also be fetched from their devices, for to be processed in the server side. Based on this location information and the respective search criteria, a query will be formed that will get the desired result from the database.



User Interaction

Users are going to interact with the system via GUI. These interactions (actions) will be carried to model through control mechanism (model is where all the functionality and data processing happens). Model will then be updated with respect to these actions and it will notify the controlling mechanism about these updates. Controlling mechanism will then reform the GUI according to these notifications.

## 2. Tentative Time Plan

TaskID	Short Name	Description
T1	Proposal	Proposal of the project.
T2	Revised Proposal	Detailed proposal of the project.
T3	GitLab Study	Understanding of the related components needed in GitLab
T4	PL research and study	Research and studying of the programming languages needed for the project.
T5	Startup document	Drawing architectural and user interaction diagrams, specification of the components.
T6	SRS	Software Requirements Specification.
T7	Retrospective documents	Preparation of the retrospective documents.
T8	Creating development environment	Setting up and installing required programs and IDEs needed for the project.

	October	November	December	January
T1	■			
T2		■		
T3		■	■	
T4		■	■	■
T5		■		
T6		■	■	
T7		■	■	■
T8			■	■

### 3. Deliverables

Deliverable	Description	When? (Sprint#)
D1	Retrospective Documents	All
D2	Startup Document	1
D3	SRS	2,3

### 4. Workload Distribution

	Sprint - I	Sprint - II	Sprint - III
Mehmet Emin KÜÇÜK	T2,T3	T3,T4,T6,T7,D1,D3	T6,T8,D3
Efe ERDİL	T2,T3	T3,T4,T6,T7,D1,D3	T6,T8,D3
Süleyman ARIKAN	T2,T7,D1	T4,T5,T6,D2,D3	T6,T7,T8,D1,D3
Osman Erdem TÜLÜ	T2,T7,D1	T4,T5,T6,D2,D3	T6,T7,T8,D1,D3