

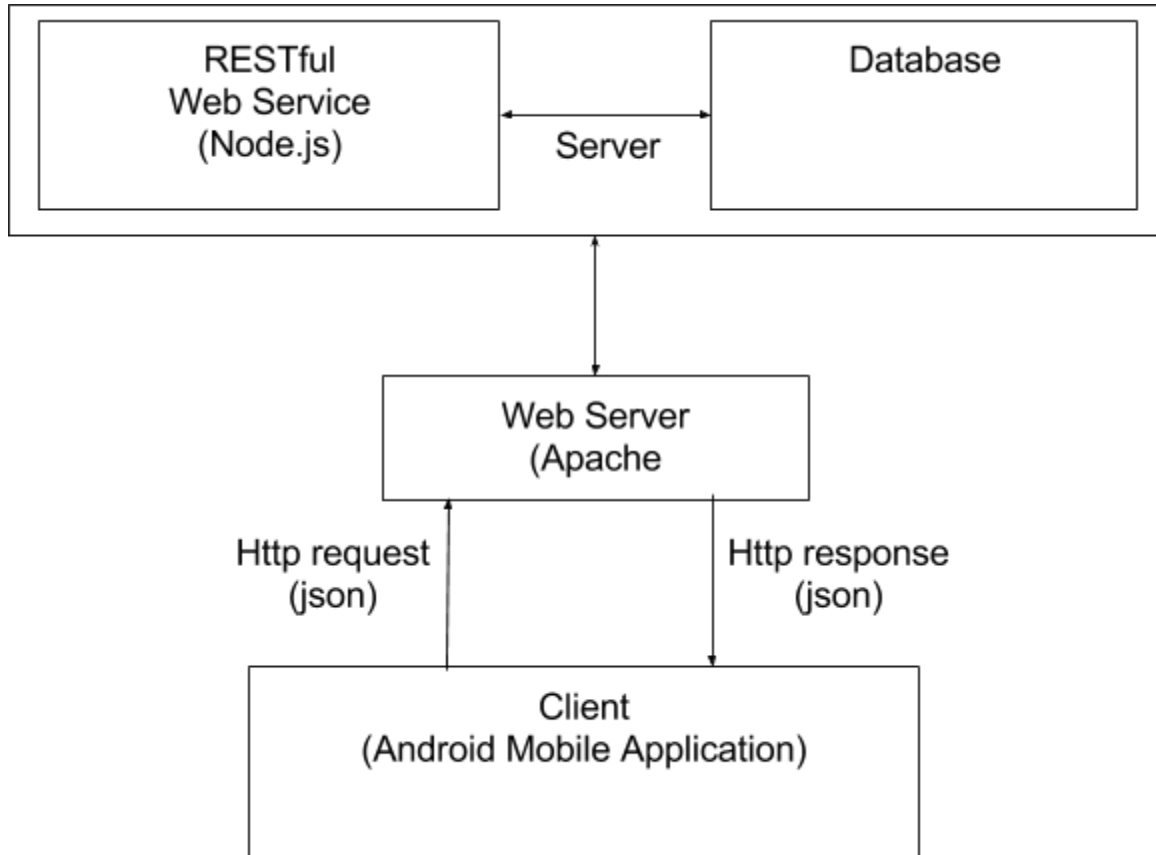
# METU CENG491 2015 FALL

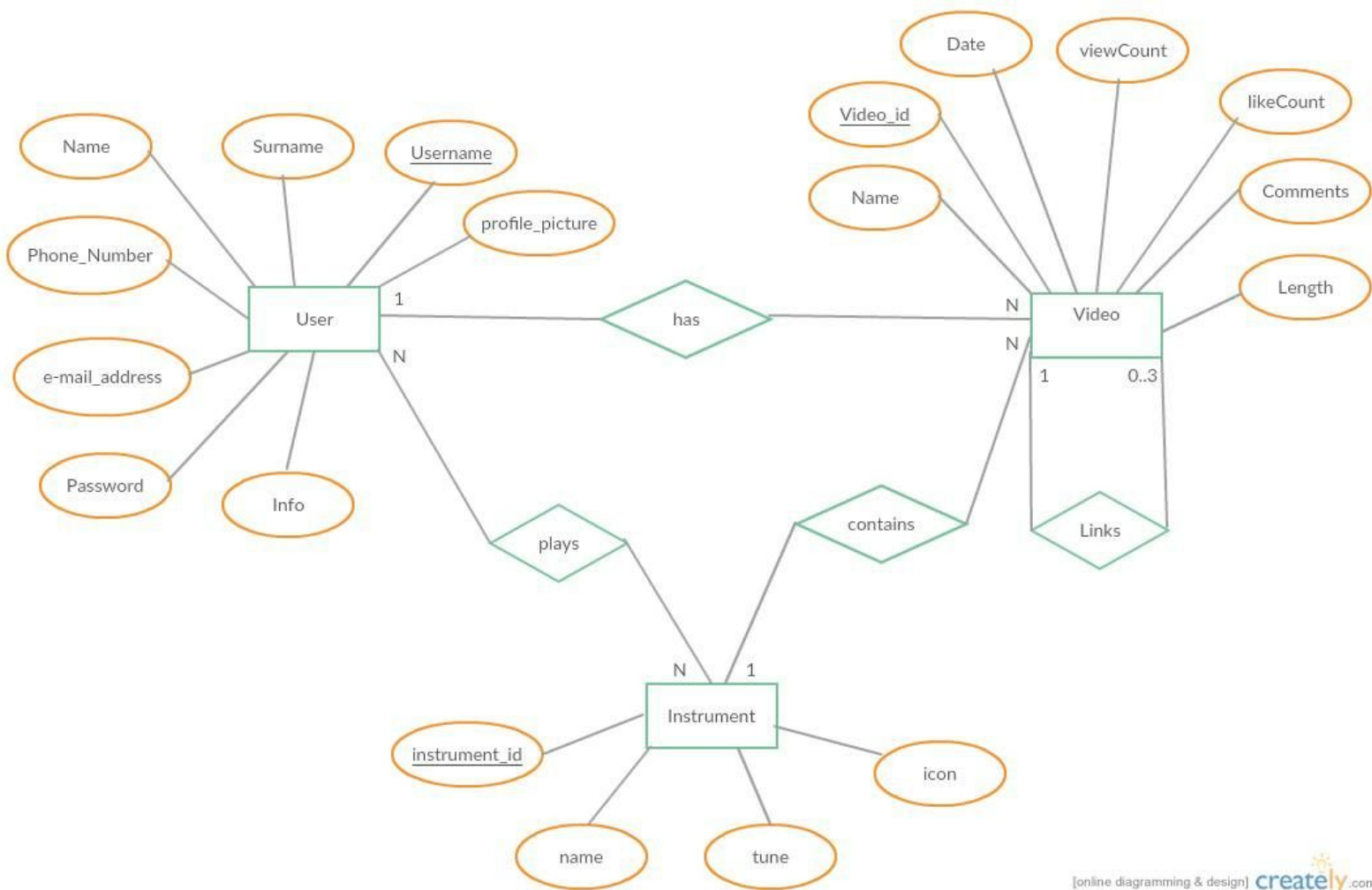
## START-UP DOCUMENT

<b>G04P34</b>		
<b>Group Name:</b>	Codeine	
<b>Project Name:</b>	COVE	

### 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.*





## 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	Examine	Gather general information about aspects of the projects.
T2	Environment Details	Trying to understand environment details of the project. Android software development kits, web server, database etc.
T3	Android studio	Trying to understand building new software with using android studio.
T4	Database	Understanding databases and creating a basic one to hold user info and videos.

T5	Web service	Understanding how web services work and creating a RESTful web service to establish the connection.
T6	Signal Research	Research on audiosignal process and analyze.
T7	Storing audio data details.	Trying to understand how audio files hold in database. How to send and receive them from database and servers.
T8	Recording sample audio record.	Record some basic record with using some audio record api on android environment.
T9	Server and application Interaction	Connecting android application to server for data transfer.
T10	Android Login	Login function of the application
T11	Web Service Register Data	Sending the user login data to the database via web service
T12	Application Timeline	Main screen of the application. Shows the added videos from followed users.
T13	Setting User Profiles	Allowing users to create their profiles.
T14	Adding Videos	Recording and adding videos to the application.

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

	<b>Iteration1</b>	<b>Iteration2</b>	<b>Iteration3</b>
<b>T1</b>	X		
<b>T2</b>	X	X	
<b>T3</b>	X	X	X
<b>T4</b>	X	X	X
<b>T5</b>	X	X	X
<b>T6</b>		X	
<b>T7</b>		X	
<b>T8</b>			X
<b>T9</b>			X
<b>T10</b>	X		
<b>T11</b>	X		
<b>T12</b>		X	
<b>T13</b>		X	
<b>T14</b>		X	X

### 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	Login function	1
D2	Application timeline	2
D3	Profiles and Videos	3
D4	Web Service registering user data	1
D5	An application with basic record operations	2
D6	Server, database and web server to hold basic data.	2
D7	Server and Application connection	3
D8	Record and send video to the system.	3

### 4. Workload Distribution

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

	<b>Sprint - I</b>	<b>Sprint - II</b>	<b>Sprint - III</b>
Ali Haydar Karapınar	T1,T2,T4,T5,T11	T4,T5,T7	T4,T5,T9
Bahadır Ünsal	T1,T2,T4,T5,T11	T4,T5,T7	T4,T5,T9
Safa Öztürk	T1,T2,T3,T10	T3,T6,T8,T12,T13	T9,T14
Fatih Aydilek	T1,T2,T3,T10	T3,T6,T8,T12,T13	T9,T14