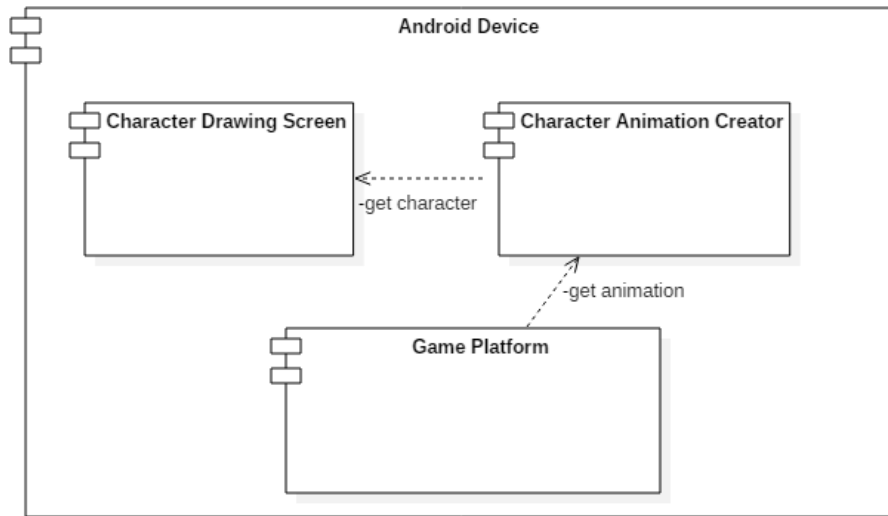


METU CENG491 2015 FALL

START-UP DOCUMENT

G14P48	
Group Name:	<i>DynaDraw</i>
Project Name:	<i>Drawing Based Android Game</i>

1. System Architecture



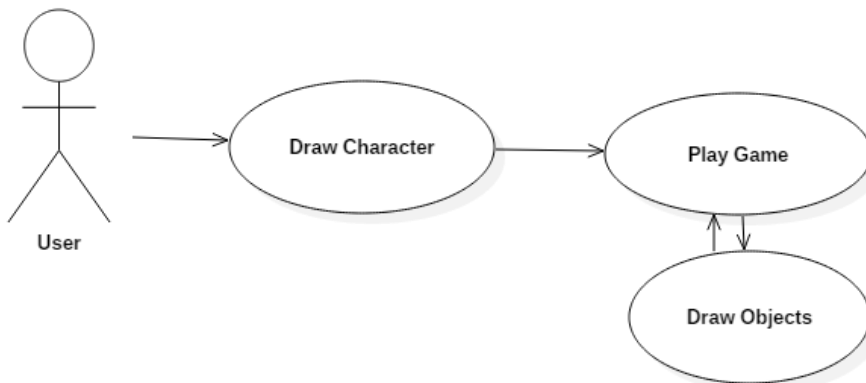
Android Device: The application will run on android devices.

Character Drawing Screen: Before game starts, user will draw his/her character on this screen.

Character Animation Creator: The character drawn on Character Drawing Screen will be animated in this component. It will generate an animated asset.

Game Platform: The animated character will be placed in the game and user will play the game on this platform.

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	Paint Screen	Designing the character drawing scene
T2	Joint Analysis and Simple Character Animation	Analyzing the character drawn by the user and determining the joints. Then, animate the character.
T3	User Interface	Designing the basic user interface.
T4	Asset Design	Designing the assets of the game.
T5	Platform Design	Designing the character controls and platforms.
T6	Joint Analysis for Human-like Characters	Analyzing joints for the human-like characters.
T7	Game Physics	Applying physical laws to the game objects.
T8	Level Design	Designing some game levels for the prototype.
T9	Joint Analysis for Different Kind of Characters	Analyzing joints for characters that have different body parts unlike human.

	Iteration1	Iteration2	Iteration3
T1	■		
T2	■		
T3	■		
T4	■	■	■
T5	■		
T6		■	■
T7		■	■
T8		■	■
T9			■

3. Deliverables

Deliverable	Description	When? (Sprint#)
D1	Character drawing scene	1
D2	Character animation	1
D3	Drawing and Controlling Character on the Platform	2
D4	Game Prototype with Some Levels	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
Barış Özçelik	T1, T4, D1	T4, T7, T8, D3	T4, T7, T8, D4
Turan Soyuer	T1, T5, D1	T7, T8, D3	T7, T8, D4
Cemil Kocaman	T2, T3, T5, D2	T6, T8, D3	T6, T8, T9, D4
Bünyamin Sarıgül	T2, T3, T4, D2	T4, T6, T8, D3	T4, T6, T8, T9, D4