Programmeerproject  
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# Proposal document

This design document contains all foreseen needed knowledge, methods, data and needed features to create a social app for Android devices with a minimum SDK API level of 7.

Description  
The idea of the app ‘Aight’ is to allow people to meet and enjoy activities together in real life. Often people are open to sharing an activity with anyone. To make this easier, I will make Aight.

Design  
The app will use android support library v7 for most of its functionality. It is designed with android 2.1 (API level 7) required as a minimum to run correctly.

## MVC

### Controller

An onclicklistener will be used to determine the location and length of the user press, and to initiate a shot.

Model  
The model determines what the view will display on the screen. So all the ‘rules’ and settings of the game, state of and coordinates of objects, are in the model. This includes the AndEngine and the ‘physics’ that is required for this game.

### View

The view will render the screen. The model tells it where to show every object and instance. This consists of at least ‘floor’, ‘cannon1’, ‘cannon2’ and after an attack ‘cannonBall’

### Wireframe

Below is a simple wireframe for the intended game.  
When 1 player is clicked, the other player will be an AI computer opponent, when 2 players is clicked 2 humans take turns at firing.

When the game starts a cannon is shown, pressing will show a power bar filling up with longer pressing. When the click is released the shot will be fired and the view will follow the ball until it drops onto the floor. When a cannon is hit, it will decrease in HP remaining. After the ball hits either the ground or the opponent, it will be the next players turn.

miss or hit!

