Team 3 – Basketball Vision

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**Use Case: Starting the Application**

Actor: Player

Goal: Open the App

Trigger: User intends to use the app

Player System

(1) User opens the app

(2) System displays a loading page

(3) System displays application interface

(4) User views the display

Exceptions: 2a - App crashes

2a - User exits app

**Use Case: Moving Towards the Basket**

Actor: Player

Goal: To Position Player Towards the Basket

Trigger: Enabled “Guide” option in app

Player System

(1) User takes a step

(2) System fetches coordinates from the sensors

(3) System calculates direction

(4) System reports suggestion to user

(5) User follows app instructions

Exceptions: 1a - User moves before calculation - change in coordinates

2a - Invalid coordinates - i.e., out of bounds