

Customer Meeting

12 October 2020

Time: 1400

Location: MS Teams

Attendees:

Our Team: Darragh, Anthony, Michael

Supervisor: Damien

2nd Team: Three participants of another team, who are contemplating taking on this challenge.

Introduction The meeting was our introduction to Ed Daly, Lecturer Sports Science, GMIT. Ed is currently studying the effects of concussive injuries. The idea of a 'pitch side' application that may be used to detect concussion in a player came from Ed's extensive background in the area. He mentioned many areas that we can look into further if applicable to our application

Ed's Points

1. Latent pressure from managers/trainers for player with possible concussive injury to continue playing. Only official method of testing to get back on the pitch are 'Maddocks questions'.
2. Current methods of detection include:
 - Maddocks questions
 - Brain Scan
 - Stress Testing
 - Blood test - measuring bio-markers
 - Eye Testing - Birmingham Concussion Centre, Anthony Bell. Using visual ocular and eye pressure methods
3. Concussion Symptoms
 - Tonic arm
 - Irregular balance - Vestibular
 - Pupil dilation

Maddocks Questions

- At what venue are we at today?
- Which half is it now?
- Who scored last in this match
- What did you play last week?
- Did your team win the last game?