

**Project Details** **Iteration 0** (23 Sept 2022)

**Purpose:** State the purpose of the meeting and this week’s objectives; describe what is expected to be achieved during this iteration.

**Scrum Master:** Jesse Phipps

**Project Owner:** Siddhant Thakur

**General Members:** Ryan Kafka, Xintong Wu, & Pedro Henrique Villar De Figueiredo

**GitHub:** https://github.com/jessefphipps/fighting-aggies-platform

**Pivotal Tracker:** https://www.pivotaltracker.com/n/projects/2598148

# Logistics

Weekly Scrum meetings will occur directly after class on Tues/Thurs. Additional meetings will be set if needed.

# Project

## Summary

The Texas A&M Football program has a wealth of data associated with their players and their performances. This data ranges from wearable monitors tracking their health and activities to video footage of practices and games. The program needs to streamline the process of processing data for, developing, and reporting the results of models that use this inherently complex data to create actionable insights for their coaching staff. Reports generated from the platform could help inform the best course of action for player recruiting, key matchups, and athlete development.

Being a relatively siloed organization, the key stakeholders are all within the program itself. It primarily includes the analytics team and coaching staff, but transiently involves the players themselves. The product should be easy to use and navigate while maintaining security and robustness. Results should be presented in an intuitive manner and staff should have the ability to export them as official reports. Custom reports should also be available for staff to put together which calls for a dynamic workflow.

**User stories and Lo-Fi mockups:**

* Feature: User can upload formatted data
  + As an analytics staff members
  + So that I can get the game’s report
  + I want to upload today’s game data
* Feature: User can input what elements should be present in the report
  + As an analytics staff member
  + So that I can easily report back to the coaching staff the results
  + I was a custom report
* Feature: User can export reports to PDF
  + As an analytics staff member
  + So that I can easily share the results with other staff members
  + I want to generate report PDFs
* Feature: Explain model’s outputs to user
  + As an analytics staff member and/or coach
  + So that I can trust and understand what the report is saying
  + I want to be able to see what’s happening under the hood of the algorithms

