**PROJECT CHARTER DRAFT Status: PENDING**

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| **GENERAL PROJECT INFORMATION** | |  |  |  |
| **COMPANY NAME** | Baseball Analytics and Safety Team |  |  |  |
| **PROJECT NAME** | Baseball Performance and Pitch Tracker | |  | | --- | |  | |  | **IMPORTANT REMINDER**  Fill in this document to the best of your abilities. This is your project, so you can make things up! |
| **PROJECT SPONSOR** | Alyson Downs (CVTC Instructor) |  |  |  |
| **PROJECT MANAGER** | Student Name |  |  |  |
| **EMAIL ADDRESS** | [Tblack12@student.cvtc.edu](mailto:Tblack12@student.cvtc.edu) |  |  |  |
| **PHONE NUMBER** | 715-864-3883 |  |  |  |
| **EXPECTED START DATE** | 10/25/2024 |  |  |  |
| **EXPECTED COMPLETION DATE** |  |  |  |  |
| **DESCRIBE THE PROBLEM OR ISSUE, GOALS, OBJECTIVES, AND DELIVERABLES OF THIS PROJECT** | | | | |
| **PROBLEM OR ISSUE** | Coaches and athletic organizations often lack easy access to comprehensive data on player performance and pitch management. This can result in under-informed decisions about player health and game strategy, particularly when it comes to managing pitch counts and rest days. | | | |
| **PURPOSE OF PROJECT** | To develop an analytics tool that provides insights into player performance and safety metrics, such as pitch counts and required rest days, aligning with age-specific guidelines. | | | |
| **PRIMARY OBJECTIVES** | Create a database to store player statistics, develop reports to monitor player progress and pitch counts, and build a dashboard to visualize key performance and safety metrics. | | | |
| **GOALS / METRICS** | -Monitor player performance trends over the season.  -Track and enforce pitch limits based on age-group guidelines.  -Provide easily accessible visuals for coaches to make data-driven decisions. | | | |
| **EXPECTED DELIVERABLES** | -Database schema and populated database  -Two reports on player performance and pitch management  -Interactive dashboard with pitch counts, player comparisons, and team performance summaries | | | |
| **DEFINE THE PROJECT SCOPE AND SCHEDULE** | |  |  |  |
| **WITHIN SCOPE** | To create a data-driven tool to help coaches improve performance and safety for baseball players through effective pitch and workload management. | | | |
| **OUTSIDE OF SCOPE** |  | | | |
| **TENTATIVE SCHEDULE** | **KEY MILESTONE** | **START** |  | **COMPLETE** |
|  | Decide Project Topic / Preliminary Review of Data / Set Scope |  |  |  |
|  | Define Database / Create ERD |  |  |  |
|  | ETL Phase |  |  |  |
|  | Populate Database |  |  |  |
|  | Report Phase |  |  |  |
|  | Dashboard Phase |  |  |  |
|  |  |  |  |  |
| **DEFINE THE PROJECT RESOURCES AND COSTS** | |  |  |  |
| **PROJECT TEAM** | Tyler Black | | | |
| **SUPPORT RESOURCES** | Online Data sets, MLB affiliated pitch count rules | | | |
| **SPECIAL NEEDS** |  | | | |
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| **DEFINE THE PROJECT BENEFITS AND CUSTOMERS** | | | | |
| **PROCESS OWNER** | Tyler Black | | | |
| **KEY STAKEHOLDERS** |  | | | |
| **EXPECTED BENEFITS** | Improved decision-making regarding player development and safety, more effective pitch management, and data-backed insights into team and player performance. | | | |
| **DESCRIBE PROJECT RISKS, CONSTRAINTS, AND ASSUMPTIONS** | |  |  |  |
| **RISKS** | Limited data availability for specific metrics; potential need for manual data entry | | | |
| **CONSTRAINTS** | Time limitations due to project timeline; restricted to available data sources | | | |
| **ASSUMPTIONS** | Accurate and up-to-date data will be available for essential metrics | | | |
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| Prepared by: | Tyler Black | Date: |  | 10/25/2024 |