

Griffin Gowdey

Lab 4 - Data Modeling

Tarrant County College Baseball Video and Information Website

ITSE 1450

Spring 2021

Home Page

Tarrant County College Baseball - Video and Information Website



Click on a box to access that section.

Public Access is available to everyone. It contains basic statistics, some advanced metrics, and video highlights.

Private Login is for people who have requested an account from us. If you're a scout, coach, team representative, or third-party service who would like access to the **Private Login**, then you can request access by clicking the **Request Private Login** box.

Staff Login is only for TCC Baseball personnel.

Recruitment Login is for any player that is interested in joining the program. Every potential recruit must create a login and complete an application.

API Documentation is for any development group that wants to integrate our software into their system.

This website is maintained by Griffin Gowdey. Email griffin.gowdey@my.tccd.edu if you have any other questions.

[Griffin's GitHub](#) - github.com/gwgowdey.

[Source Code](#) - github.com/gwgowdey/Tarrant-County-College-Baseball

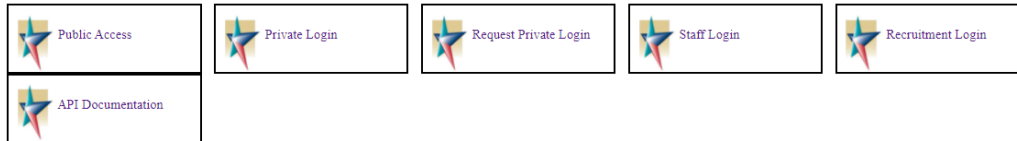
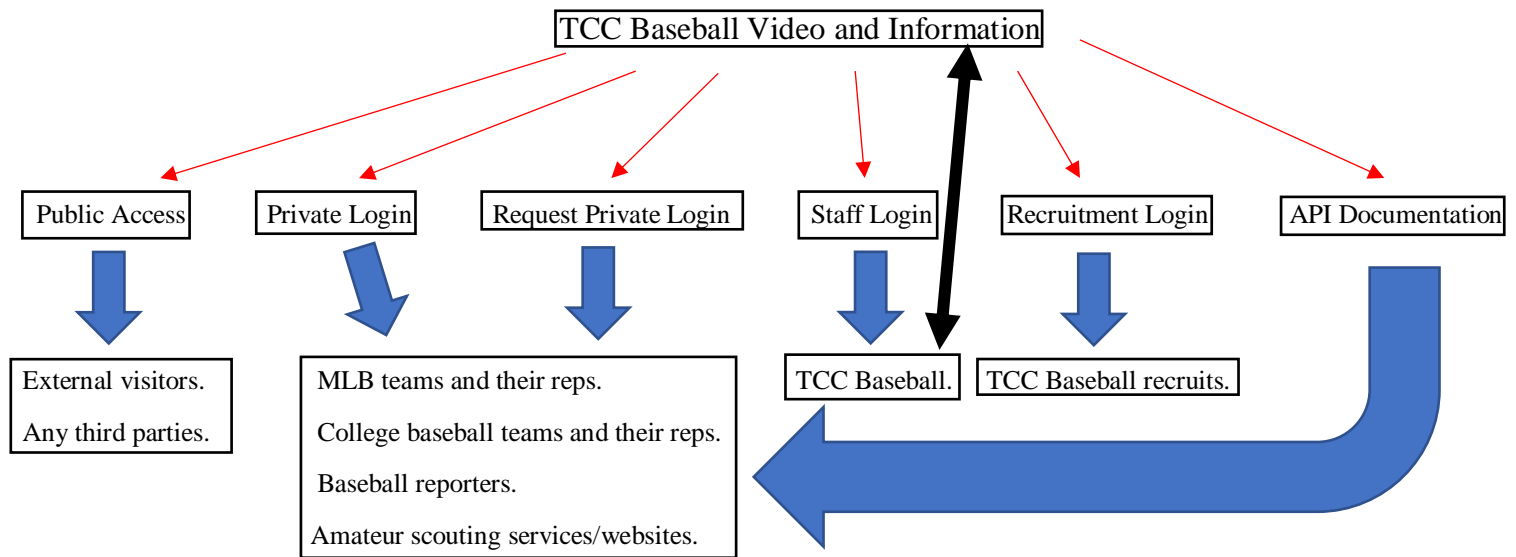


Diagram 0 - Tarrant County College Baseball Video and Information Website



Context Diagram - Tarrant County College Baseball Video and Information Website

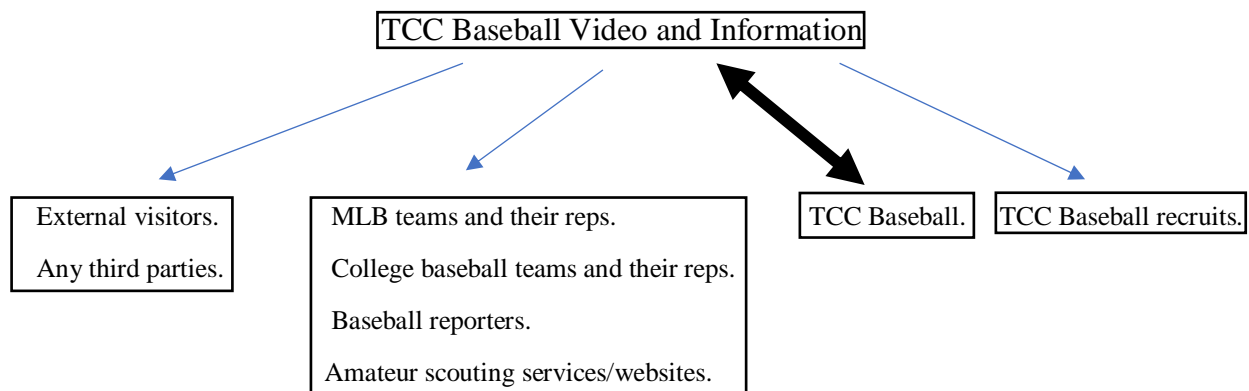
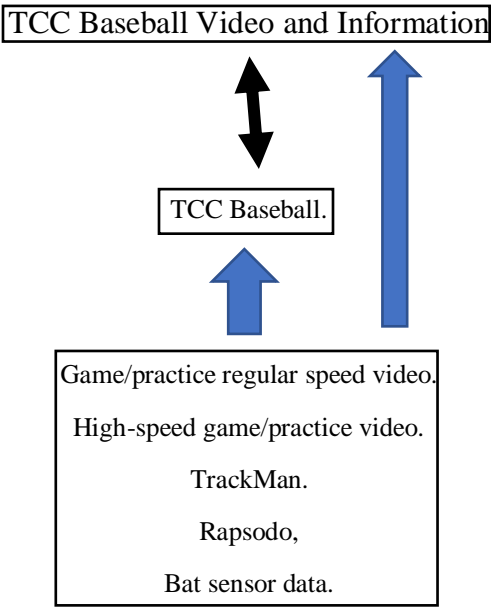


Diagram 1 - Tarrant County College Baseball Video and Information Website



TCC Baseball staff and players will input all the video and data from their practice and games. Data sources include practice/game regular speed video, practice/game high-speed video, TrackMan, Rapsodo, and bat sensor data. For the decision tree, it will be up to TCC Baseball to determine which of these data sources and their format will be available on their website and who can see it (public or private). The system will display all the information in a presentable and easily digestible way. The site visitors or anybody not associated with TCC Baseball will be able to view information dependent on their account permissions (public or private). However, the reason for the double direction arrow is because TCC Baseball will not only be responsible for collecting and inputting the data/video but will be viewing it on their own website for their own player development or scouting purposes. Since starting the project, I have spent about 5 hours researching, 8 hours on the site proposal, 4 hours on the interview process, and 3 hours on data modeling.