

Griffin Gowdey

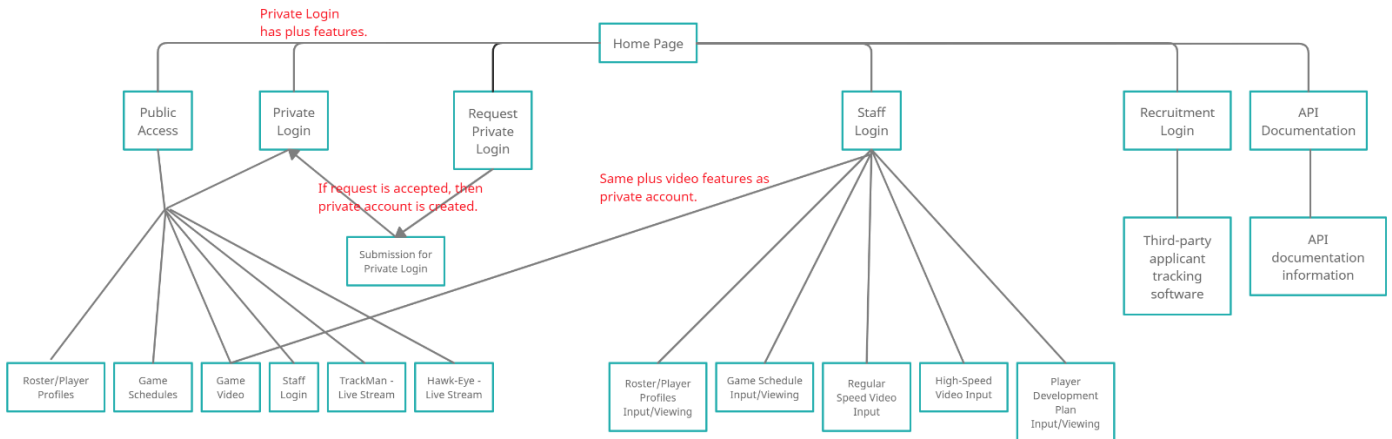
Lab 5 - User Interface

Tarrant County College Baseball - Video and Information Website

ITSE 1450

Spring 2021

The below picture is a diagram of the flow of user navigation on the website.



Inputs

Home Page (Tier 1)

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](#)

Public Access

Private Login

Request Private Login

Staff Login

Recruitment Login

API Documentation

End of Tier 1


Public Access (Tier 2)

Public Access

file:///C:/Users/gwgow/Dropbox/TCC/GitHub/Tarrant-County-College-Baseball/Code/PublicAccess/PublicAccessLandingPage.html

Tarrant County College Baseball - Video and Information Website

Public Access



Click on a box to access that section.

Roster/Player Profiles contains individual and team basic statistics, some advanced metrics, and video highlights from both past and present players.


Game Schedules contains past and present game schedules and results.


Game Video contains a searchable log of all multi-angle regular speed video from both home and away games.


Video - Live Stream contains live video feeds of various angles from both limited practice sessions and home games.


TrackMan - Live Stream is a live data stream of TCC's TrackMan stadium unit from both limited practice sessions and home games.


Hawk-Eye - Live Stream is a live data stream of TCC's Hawk-Eye stadium unit from both limited practice sessions and home games.


 Roster/Player Profiles

 Game Schedules

 Game Video

 Video - Live Stream

 TrackMan - Live Stream

 Hawk-Eye - Live Stream

Private Login (Tier 2)

Private Login

file:///C:/Users/gwgow/Dropbox/TCC/GitHub/Tarrant-County-College-Baseball/Code/PrivateLogin/PrivateLoginPage.html

Tarrant County College Baseball - Video and Information Website

Private Login



Username Password

Email griffin.gowdey@my.tccd.edu if you forgot your password or have trouble logging in.


Request Private Login (Tier 2)

Request Private Login

file:///C:/Users/gwgow/Dropbox/TCC/GitHub/Tarrant-County-College-Baseball/Code/RequestPrivateLogin/RequestPrivateLoginPage.html

Tarrant County College Baseball - Video and Information Website

Request Private Login



Please fill out all of the boxes with your information. Use your **work email** and **work phone number** for verification purposes. No personal emails or numbers.

Griffin Gowdey (griffin.gowdey@my.tccd.edu) will follow up within 1 week after submission.

The follow up response from Griffin will include whether you were accepted and your personalized username/password.

First Name

Last Name

Company/Organization

Job Title

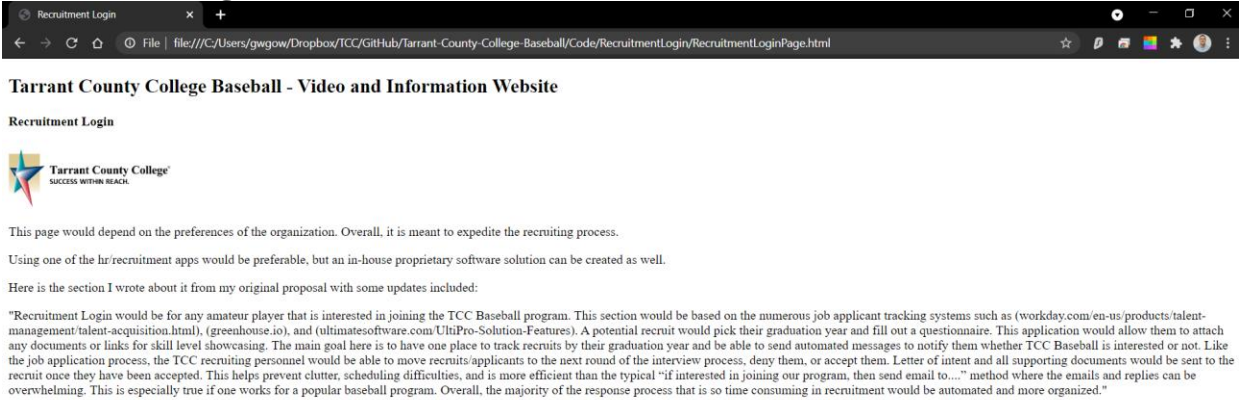
Company/Org. Email

Company/Org. Phone #

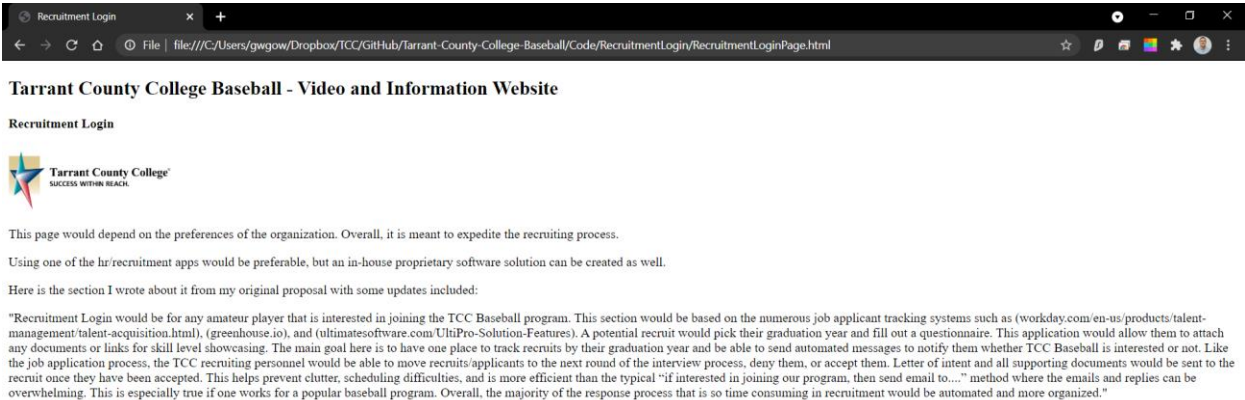
Staff Login (Tier 2)



Recruitment Login (Tier 2)



API Documentation (Tier 2)



End of Tier 2


Private Login (Tier 3)

Private Access

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Tarrant County College Baseball - Video and Information Website

Private Access



Tarrant County College®
SUCCESS WITHIN REACH®

Click on a box to access that section.

Roster/Player Profiles contains individual and team statistics, all advanced metrics, and video highlights from both past and present players.


Game Schedules contains past and present game schedules and results.

Game Video contains a searchable log of all multi-angle regular and high-speed speed video from both home and away games.


Video - Live Stream contains live video feeds of various angles from both limited practice sessions and home games.

TrackMan - Live Stream is a live data stream of TCC's TrackMan stadium unit from both limited practice sessions and home games.


Hawk-Eye - Live Stream is a live data stream of TCC's Hawk-Eye stadium unit from both limited practice sessions and home games.




Roster/Player Profiles




Game Schedules




Game Video



Video - Live Stream



TrackMan - Live Stream



Hawk-Eye - Live Stream


Staff Login (Tier 3)

Staff Access

file:///C:/Users/gwgow/Dropbox/TCC/GitHub/Tarrant-County-College-Baseball/Code/StaffLogin/StaffAccessLandingPage.html


Tarrant County College Baseball - Video and Information Website

Staff Access




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Click on a box to access that section.




Roster/Player Profile
Input/Viewing




Game Schedule
Input/Viewing



Regular Speed
Video Input/Viewing



High-Speed Video
Input/Viewing



Player Development
Plan Input/Viewing

End of Tier 3

Outputs

Public Access (Tier 2) —► **Roster/Player Profiles, Game Schedules, Game Video, Video - Live Stream*, TrackMan - Live Stream*, Hawk-Eye Live Stream* (Tier 3)**

*I am still working on these parts. I do not have technology present to test these pages, but it is standard. **Video - Live Stream** will just be a video player displaying regular speed video from IP cameras during practice and games. **TrackMan - Live Stream** and **Hawkeye - Live Stream** will be live feeds from each of their respective APIs.

Private Login (Tier 3) —► ***Roster/Player Profiles, Game Schedules, **Game Video, Video - Live Stream, TrackMan - Live Stream, Hawk-Eye Live Stream (Tier 4)**

These will be the same as Public Access category pages, but with some modified sections.

***Roster/Player Profiles** will contain all the advanced metrics for each player (not just TrackMan) and all necessary MLB draft related information/files.

****Game Video** will contain all video angles (not just regular speed) including the high-speed video angles.

Roster/Player Profiles

Tarrant County College Baseball - Video and Information Website

Roster/Player Profiles

Tarrant County College

Select a roster year: 2021

First Name, Last Name #1

Primary Position: RHP, Secondary Position: None

Bat: Right, Throw: Right

Height: 6-0, Weight: 200 lbs.

Major: Computer Science, College Year: Freshman

Hometown: Fort Worth, TX, High School: R.L. Paschal

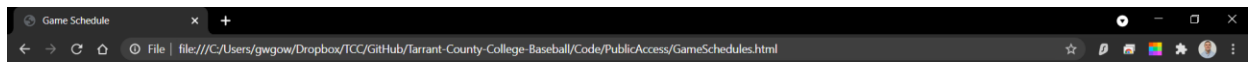
High School Graduation Year: 2020, Projected College Graduation Year: 2024

TrackMan - College Averages

| Pitch Classification | Release Speed | Vertical Release Angle | Horizontal Release Angle | Spin Rate | Spin Axis Tilt | Release Height | Release Side | Extension | Vertical Break | Induced Vertical Break | Horizontal Break | Plate Location Height | Zone Speed | Vertical Approach Angle | Horizontal Approach Angle | Zone Time |
|----------------------|---------------|------------------------|--------------------------|-----------|----------------|----------------|--------------|-----------|----------------|------------------------|------------------|-----------------------|------------|-------------------------|---------------------------|-----------|
|----------------------|---------------|------------------------|--------------------------|-----------|----------------|----------------|--------------|-----------|----------------|------------------------|------------------|-----------------------|------------|-------------------------|---------------------------|-----------|

Video Highlights

| Date | Game or Practice | Pitch Type | Regular or High-Speed | Video Clip |
|----------|------------------|------------|-----------------------|------------|
| 5/6/2021 | Practice | Curveball | High-Speed | |



Tarrant County College Baseball - Video and Information Website

Game Schedule



Select a year: 2021

Tarrant County College vs. North Lake College (Irving, TX)

[Game Video](#)

Location: Home (Fort Worth, TX), **Stadium:** TCC Baseball Stadium

Date: 5/5/2021, **Time:** 7:00 PM

Result: 12-0, **Box Score:** PDF file link of box score here.

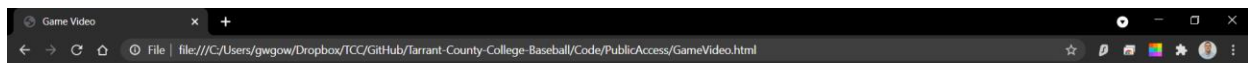
Tarrant County College @ Richland College (Dallas, TX)

[Game Video](#)

Location: Away (Dallas, TX), **Stadium:** RLC Baseball Field

Date: 5/6/2021, **Time:** 7:00 PM

Result: 15-1, **Box Score:** PDF file link of box score here.



Tarrant County College Baseball - Video and Information Website

Game Video

Select a year: 2021

Double click on a game row to access the play by play.

Once clicked, the play by play will be appear on the right.*

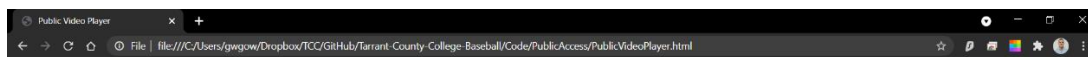
*This functionality is not present because there is only one play by play data set.

Click on the **Play Result** data to access the video for that play.

| Date | Home Team | Runs | Away Team | Runs |
|----------|----------------|------|----------------|------|
| 5/5/2021 | Tarrant County | 12 | North Lake | 0 |
| 5/6/2021 | Richland | 1 | Tarrant County | 15 |

| Inning | Hitter | Outs | Play Result |
|------------------------------|--------------------|------|-------------|
| Away - North Lake | | | |
| Pitcher - FirstName LastName | | | |
| 1 | FirstName LastName | 1 | K |
| 1 | FirstName LastName | 2 | K |
| 1 | FirstName LastName | 3 | K |
| 2 | FirstName LastName | 1 | K |
| 2 | FirstName LastName | 2 | K |
| 3 | FirstName LastName | 3 | K |

| Inning | Hitter | Outs | Play Result |
|------------------------------|--------------------|------|-------------|
| Home - Tarrant County | | | |
| Pitcher - FirstName LastName | | | |
| 1 | FirstName LastName | 0 | HR |
| 1 | FirstName LastName | 0 | HR |
| 1 | FirstName LastName | 0 | HR |



Tarrant County College Baseball - Video and Information Website

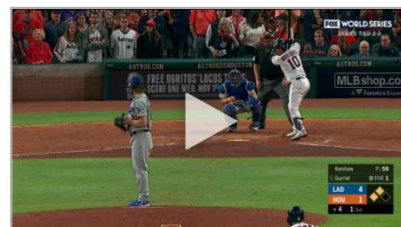
Video Player



Click on a checkbox to view the video clip from that angle. A max of 3 checks is allowed.

Regular Speed Video (A to J)

- ☒ Main/Center Field (A)
- ☐ 1B Line (B)
- ☐ 3B Line (C)
- ☐ Overhead/High Home Plate (D)
- ☐ Behind Home (E)
- ☐ Home Plate (F)
- ☐ Open LHP (G)
- ☐ Open RHH (H)
- ☐ Open RHP (I)
- ☐ Open LHH (J)



First Name

Last Name

Primary Position

Secondary Position

Bat

Throw

Height

Weight

Major

College Year

Hometown

High School

High School Graduation
Year

Projected College
Graduation Year

Submit

The overall user interface concept for this project was “simple” or “plain.” I borrowed this concept from the Houston Astros Baseball Operations website named *Ground Control*, which is notoriously plain. Every Baseball Operations’ employee loves to use it because of that. It has no fluff or fancy graphics. Just easily displayed and accessible video and information to do their job. The graphics and color set I selected are all verified from TCC’s website. Font and styling are all standard HTML/CSS. Words that are in bold correspond to the various sections/areas. I used clickable boxes to navigate between each of the sections/areas to make them stand out. The boxes create a large clickable area for easy navigation. I also used a lot of check boxes, tables, and video players. I scored a total of 54 points (54 passing elements) on the user interface checklist.