

Griffin Gowdey

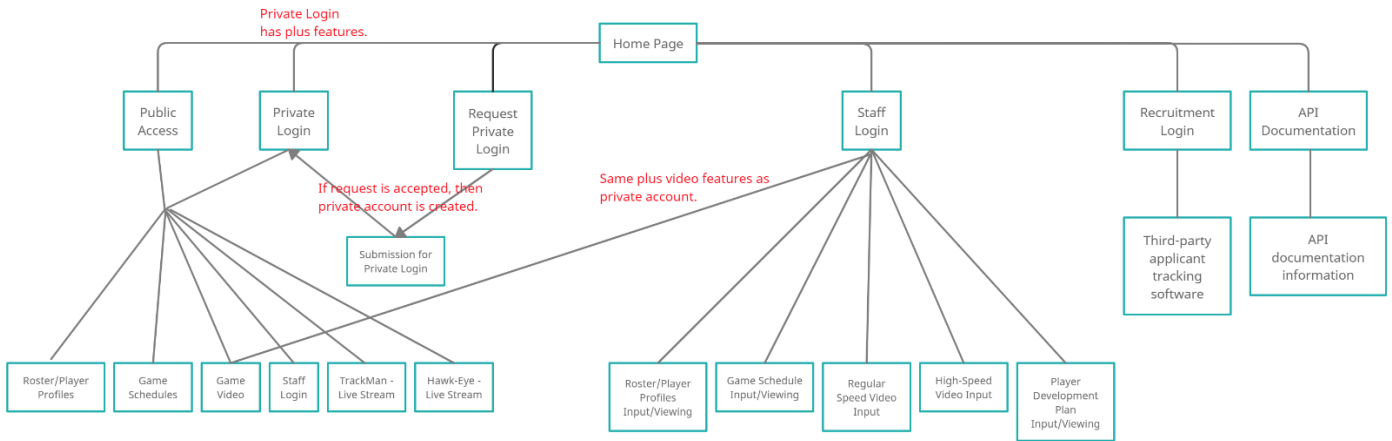
Lab 5 - User Interface

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/gwgowdev](https://github.com/gwgowdev)

[Source Code - @github.com/gwgowdev/Tarrant-County-College-Baseball](https://github.com/gwgowdev/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)

Staff Login

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

Tarrant County College Baseball - Video and Information Website

Staff Login

Tarrant County College
SUCCESS WITHIN REACH

Username

Enter username here.

Password

Enter password here.

Login

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


Recruitment Login (Tier 2)

Recruitment Login

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

Tarrant County College Baseball - Video and Information Website

Recruitment Login

Tarrant County College
SUCCESS WITHIN REACH

This page would depend on the preferences of the organization. Overall, it is meant to expedite the recruiting process.

Using one of the hr/recruitment apps would be preferable, but an in-house proprietary software solution can be created as well.

Here is the section I wrote about it from my original proposal with some updates included:

"Recruitment Login would be for any amateur player that is interested in joining the TCC Baseball program. This section would be based on the numerous job applicant tracking systems such as (workday.com/en-us/products/talent-management/talent-acquisition.html), (greenhouse.io), and (ultimatesoftware.com/UltiPro-Solution-Features). A potential recruit would pick their graduation year and fill out a questionnaire. This application would allow them to attach any documents or links for skill level showcasing. The main goal here is to have one place to track recruits by their graduation year and be able to send automated messages to notify them whether TCC Baseball is interested or not. Like the job application process, the TCC recruiting personnel would be able to move recruits/applicants to the next round of the interview process, deny them, or accept them. Letter of intent and all supporting documents would be sent to the recruit once they have been accepted. This helps prevent clutter, scheduling difficulties, and is more efficient than the typical "if interested in joining our program, then send email to...." method where the emails and replies can be overwhelming. This is especially true if one works for a popular baseball program. Overall, the majority of the response process that is so time consuming in recruitment would be automated and more organized."


API Documentation (Tier 2)

Recruitment Login

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

Tarrant County College Baseball - Video and Information Website

Recruitment Login

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End of Tier 2


Private Login (Tier 3)

Private Access

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

Tarrant County College Baseball - Video and Information Website

Private Access



Tarrant County College®
SUCCESS WITHIN REACH®

Click on a box to access that section.

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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.

The screenshot displays a web browser window with the address bar showing a local file path. The page title is "Tarrant County College Baseball - Video and Information Website". Below the title, there is a "Roster/Player Profiles" section. It includes the Tarrant County College logo, a "Select a roster year" dropdown menu set to "2021", and a "First Name, Last Name #1" input field. A player profile is shown with a silhouette icon and the following details: 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. Below the profile, there is a "TrackMan - College Averages" table with various metrics. At the bottom, there is a "Video Highlights" section with a table containing one row of data: Date: 5/6/2021, Game or Practice: Practice, Pitch Type: Curveball, Regular or High-Speed: High-Speed. To the right of the table is a "Video Clip" player showing a video of a pitcher in action.

Roster/Player Profiles

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

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

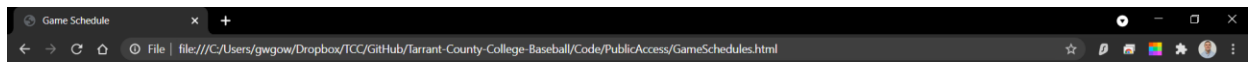
High School Graduation Year: 2020, Projected College Graduation Year: 2024

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
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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.

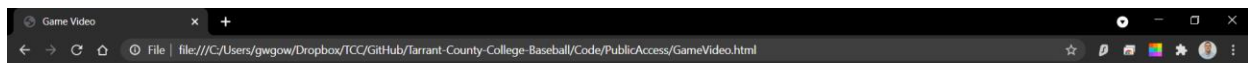
Tarrant County College @ Richland College (Dallas, TX)

[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.*

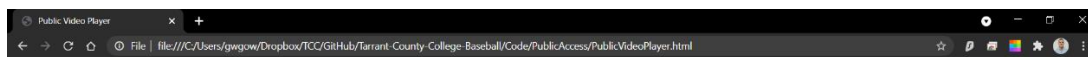
*This functionality is not present because there is only one play by play data set.

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

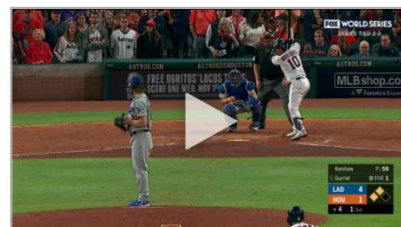
Video Player



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.