

Team Kachow

Requirements Table Version 4

CECS 443-01, Fall 2022
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Requirements

| Software Requirement | Acceptance Criteria | Module | FP Score | Effort Score | Priority | Lead |
|--|---|--|----------|--------------|----------|---------|
| The developers will set-up the collaborative coding environment. | A shared repository on GitHub will be created for developers to work on this project. | Coding Environment | 2.22 | 0.0003 | H | Dorothy |
| The developer shall do research on the MERN stack to use for this project. | MERN is used for the website application. | User Account Database Account Registration/Modification Website Application | 7.92 | 0.3652 | H | All |
| The developers will redesign the website when needed (per customer's request). | The developers will repeatedly meet with the customer in order to verify that the design of the website matches. | Website Application | 8.76 | 0.0195 | H | All |
| The developer shall use HTML/CSS to create the structure of the website. | HTML/CSS is used to create the structure of the website and its pages. | Website Application | 7.92 | 0.0456 | H | All |
| The developers shall come up with the website design using Figma. | The developers will use Figma to collaborate and modify each other's designs for specific pages. | Website Application | 5.44 | 0.0374 | M | All |
| The website design shall look user-friendly and match the customer's design wants. | The website will look appealing and user-friendly, and the developers will match the aesthetic needs of the customer. | Website Application | 6.39 | 0.0076 | M | All |

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| The database will be created using MongoDB | The database will store admin account, and player/tournament information in MongoDB. | Admin/Player Database Tournament/Event Database | 9.88 | 0.2243 | H | All |
| The user will be able to navigate through different pages on the website | The website has a navigation bar that renders the Home, News, Players, Photos, Tournaments, Season Rankings, About Us/Contact pages. | Website Application | 4.97 | 0.4546 | H | All |
| The user will be able to subscribe to the mail server | The website has a mailing list that users can subscribe to. | Mail Server | 4.38 | 0.0618 | M | All |
| The developer shall create the frontend for the Home Page on the website. (Home Page, Frontend) | Along with the header and footer, the home page has: <ul style="list-style-type: none">- a slideshow of the group- short bio of what the club is about- clickable links to the Sign-In form for tournaments- links to the most recent or upcoming tournament. | Website Application | 6 | 0.0198 | H | Camelia |

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| A club member shall be able to sign-up/check-in for an upcoming tournament. (Sign-In Form, Frontend) | <ul style="list-style-type: none">- A member is able to add themselves to an upcoming tournament roster- A member is able to check-in (confirm attendance) for a tournament- A member can remove themselves from a tournament for which they are on the roster | User Account Database Tournament/Event Database Tournament Registration Golf Course Information Website Application | 5.04 | 0.0941 | M | Tori |
| The user shall be able to request a tee time for the upcoming tournament. (Form) | <ul style="list-style-type: none">- Tournaments will display available tee times- User can select a tee time to request for a given tournament- Requested tee time will be stored along with user information for review by admin | User Account Database Tournament/Event Database Tee Time Groupings Generation Golf Course Information Website Application | 3.55 | 0.0329 | M | Daniel |
| The user shall be able to request who they want to play with for the upcoming tournament. (Form) | <ul style="list-style-type: none">- User can select players (3) to request for a given tournament- Requested player will be stored along with user information for review by admin | User Account Database Tournament/Event Database Tee Time Groupings Generation Golf Course Information Website Application | 3.55 | 0.0329 | M | Tori |

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| The user will be able to view announcements from the News page (News Page -> Frontend) | Along with the header and footer, the news page has: <ul style="list-style-type: none">- The list of announcements an admin makes ordered by most recent- Articles are deleted when older than 3 months | Announcements/Events Web Application | 2.88 | 0.0052 | H | Daniel |
| The developer shall create the frontend for the Players List Page for the website. (Player List Page, Frontend) | Along with the header and footer, the player list page <ul style="list-style-type: none">- Lists each player that has competed in a tournament- Clicking on a player brings you to their player profile page. | Website Application Player Database | 5.92 | 0.1525 | H | Camelia |
| The user shall be able to view another player's details/stats. (Player List page) | The Player List page will have a list of players where a user can view for a specific player from the player list. | User Account Database Tournament/Event Database Individual Player Statistics Website Application | 4.97 | 0.0902 | L | Dorothy |

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| The developer shall create the frontend for the Players Profile Page. (Player Profile Page, Frontend) | Along with the header/footer, the player profile <ul style="list-style-type: none">- Lists specific stats of the selected player (avg score on par 3/4/5)- Shows their past tournament scores. | Website Application | 3.55 | 0.4466 | H | Camelia |
| The developer shall create a photos page for the website. (Photos List Page, frontend) | Along with the header and footer, the photos list page has photos of the club. | Website Application Tournament Database | 3.55 | 0.4466 | M | Dorothy |
| The user shall be able to see photos from a specific tournament. (Tournament Photos page, frontend) | Along with the header/footer, the tournament photos page has <ul style="list-style-type: none">- A slideshow that shows all of the photos associated with that tournament | Website Application | 4.97 | 0.0267 | M | Daniel |
| The developer shall create a tournaments list page for the website. (Tournaments List Page, frontend) | Along with the header and footer, the tournaments list page has <ul style="list-style-type: none">- a list of past tournaments.- When each tournament is clicked on, the results from the tournament are displayed. | Website Application Tournament Database | 3.55 | 0.4466 | H | Dorothy |

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| The user will be able to view season rankings on the Season Rankings page (Season Rankings Page, frontend) | Along with the header and footer, the season rankings page has <ul style="list-style-type: none"> - List of players sorted by the number of points they've accumulated in the current season - Able to see previous season rankings. | Website Application Player Database Tournament Database | 5.68 | 0.1347 | H | Tori |
| The developer shall create an about us/contact page for the website. | Along with the header and footer, the About Us page <ul style="list-style-type: none"> - describes what the group's ideals and goals - contains the contact information of the group such as phone number and email. | Website Application | 5.04 | 0.0118 | M | Daniel |
| The user shall be able to see stats/scores from previous tournaments. | Along with the header/footer, the tournament scores page has <ul style="list-style-type: none"> - The complete list of players that competed in that tournament | User Account Database Tournament Results Tournament/Event Database Website Application | 10.78 | 0.1151 | H | Daniel |
| The developers will create the frontend for the admin login portal. (Admin Login Portal, Frontend) | The frontend for the admin login portal will include a login screen and a recover password UI. | Admin Portal | 2.84 | 0.0021 | H | Daniel |

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| The admin shall be able to log into their account. (Admin Login Portal, Backend) | The system verifies if the username/email and password entered is a valid account. | User Account Database Account Registration/Modification Website Application | 7.40 | 0.2979 | H | Camelia |
| The admin shall be able to edit their account details (email/password). (admin portal) | The system updates the changes made to the account in the database. | User Account Database Account Registration/Modification Website Application | 6.93 | 0.0724 | H | Camelia |
| The admin shall be able to create a future tournament form for users to sign-up. (Admin Portal, Home Page, Backend) | A form, along with a picture announcement, about the upcoming tournament will be shown in the home screen. | Tournament/Event Database Admin Portal Tournament Registration | 8.25 | 0.1223 | M | Tori |
| The developers will create the frontend for an admin posting an announcement. (Admin Portal, News, Frontend) | The frontend for posting the announcement will look similar to Beachboard announcements, simple. | Admin Portal | 2.88 | 0.0052 | H | Tori |

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| An admin shall post events and announcements visible to all other users. (Admin portal, News, Backend) | Admin can post an announcement that will be posted to the BIG Golf Website, with the timestamp on when the announcement was posted. | Tournament/Event Database Announcements and Events Website Application | 10.64 | 0.8854 | H | Daniel |
| An admin shall view/edit a list of members and their information. (admin portal, players) | An admin can add to the list of members, or edit information/scores of a member. | User Account Database Individual Player Statistics Website Application | 12.41 | 1.4048 | M | Camelia |
| The developers will create the frontend for an admin uploading pictures from a tournament. (Admin Portal, Photos, Frontend) | The frontend for posting a picture will include selecting the photos that need to be uploaded, along with UI that shows which tournament it should be linked to. | Admin Portal Tournament/Event Database Club Pictures | 5.04 | 0.0941 | M | Daniel |
| The admin will post pictures from a tournament for a user to see. (Photos Page/Admin Portal, Backend) | Admins will upload images linked to a tournament through the admin portal. Each tournament features its core information (date/time/location). Any images uploaded to the tournament are displayed in the BIG Golf Website. | Tournament/Event Database Tournament/Club Pictures Website Application | 7.92 | 0.3652 | H | Tori |

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|--|---|--|----------|--------------|----------|---------|
| The developer will create the frontend for the admin to post scores from a tournament. (Admin Portal, Post Scores, Frontend) | An acceptable UI/UX will be made for the admin to enter their scores from the tournament. (Needed to enter a score: Player, Tournament, Tournament Scorecard). | Admin Portal Tournament Results Individual Player Statistics | 5.76 | 0.0176 | H | Camelia |
| An admin shall post scores from tournament. (Admin Portal, Post Scores, Backend) | An admin will post scores of all players from the previous tournament. Scores will be linked to the specific player and tournament, and saved to the database. | User Account Database Tournament/Event Database Tournament Results Golf Course Information Website Application | 10.22 | 0.0981 | H | Dorothy |
| An admin shall assign handicap values to the players. (Admin Portal) | Given a list of players in the tournament, when an admin assigns the handicap values to the players, then the process is done automatically (or done in a more simple way). | User Account Database Tournament/Event Database Tee Time Groupings Generation Website Application | 20.79 | 1.9570 | H | Daniel |
| The system shall automatically calculate and update points to the season rankings after a tournament has ended | Given an admin account and a tournament that has ended, when admin posts the scores from tournament, then the season points and rankings are updated for members to view. | User Account Database Tournament/Event Database Season Rankings Golf Course Information Website Application | 4.38 | 0.0077 | H | Daniel |

Requirements

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| The system shall calculate specific statistics for each player (average score on Par 3/4/5, placements, etc). | The player is able to view their specific statistics on their details page. | User Account Database Tournament/Event Database Individual Player Statistics Golf Course Information Website Application | 12.16 | 0.0489 | M | Tori |
| The system shall automatically split up tournament prizes and announce winners to feed. | Given a tournament has ended, when the scores are posted, then the winner(s) and prize money is split up automatically, and members can see who won, and the admin can award the money to the winners. | User Account Database Tournament/Event Database Tournament Results Golf Course Information Website Application | 10.65 | 0.1110 | H | Daniel |
| An admin shall see list of players who want to play in each tournament. (Form | Given an admin account and players signed up to play the tournament, when an admin views who has signed up, then the list of players wanting to play is clearly displayed. | User Account Database Tournament/Event Database Tournament Registration Website Application | 10.36 | 0.1022 | H | Dorothy |
| The user shall be able to see their assigned tee time. (Form/Mail Account) | <ul style="list-style-type: none"> - User will be able to view assigned tournaments - Users will see their assigned tee time for a given tournament | User Account Database Tournament/Event Database Golf Course Information Website Application | 3.30 | 0.0264 | M | Tori |

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| The admin can edit the roster/groupings for a given tournament. (Admin portal, form) | <ul style="list-style-type: none"> - The admin has permission to view who has registered for a tournament - The admin can confirm players for the final tournament roster - The admin can remove members from the final tournament roster - The admin can add members to the final roster - The admin can change tee times for players | User Account Database Tournament/Event Database Individual Player Statistics Golf Course Information Website Application | 7.50 | 0.0919 | M | Tori |
| The admin shall send reminders to players for upcoming events they signed up for. (Form, backend) | Given an admin and an upcoming tournament, when the admin sends a reminder to the players about the tournament, then all the players get the reminder via email or text message. Info collected from the Google Form | User Account Database Tournament/Event Database Mail Server Email Reminders Website Application | 9.62 | 0.6544 | M | Dorothy |
| The admin shall send a “Happy Birthday” or related event (Christmas, Thanksgiving, New Year) email to a user. (Mail Accounts) | <ul style="list-style-type: none"> - The admin can send members a “Happy Birthday” email on their birthday - The admin can send an annual email for major holidays (Christmas, Thanksgiving, New Years) | User Account Database Birthday/Holiday Messages Mail Accounts Website Application | 6.12 | 0.0499 | H | Dorothy |
| An admin will be able to send personalized emails to the mailing list. | The admin will be able to put any message they want in the email to send the the mailing list. | Admin Portal Mail Server | 8.36 | 0.4295 | M | Camelia |