Product Backlog

Epic 1: Design Environment Setup

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| --- | --- | --- | --- | --- | --- |
| Priority |  |  |  |  | **Sum of efforts hours** |
| Gathering Club Information for Data Storage [5] | **Collect club name**  [3 hrs] | **Collect club purpose**  [3 hrs] | **Collect club website**  [3 hrs] |  | **9** |
| Setup Web Page Documents [3] | **Create an HTML document**  [1 hr] | **Create a CSS document**  [1 hr] | **Create a JavaScript document**  [1 hr] | **Create a header in the HTML document**  [3 hrs] | **6** |
| Velocity: 8 |  |  |  |  | **15** |

Epic 2: Backend Data Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Priority |  |  |  | **Sum of efforts hours** |
| Setup MERN stack [13] | **Setup MongoDB**  [3 hrs] | **Setup Express**  [3 hrs] | **Setup Node.js**  [3 hrs] | **9** |
| Data Collection and Management of User’s Answers [3] | **Create a storage container for the user’s responses to the survey questions** [3 hrs] |  |  | **3** |
| Algorithm for Searching the Storage Container [8] | **Create an algorithm to search through database**  [8 hrs] |  |  | **8** |
| Velocity: 24 |  |  |  | **20** |

Epic 3: Front End Development

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Priority |  | |  |  |  |  | **Sum of effort hours** |
| Website Design for Questions [13] | **Setup React**  [3 hrs] | | **Setup a blank webpage**  [1 hr] | **Add the categories onto the webpage with answer choices**  [8 hrs] | **Add a submit button at the end of the webpage**  [2 hrs] | **Create scripts to gather the users category selection**  [8 hrs] | **22** |
| Website Design for Club Suggestions [21] | **Add the display page for clubs of interest after the user clicks submit** [8 hrs] | **Add the name of the club first and with a large font**  [1 hrs] | | **Add the club’s website link below the name of the club**  [1 hrs] | **Add the club’s description below the website link**  [1 hrs] | **Display two clubs per line**  [4 hrs] | **15** |
| Velocity: 34 |  | |  |  |  |  | **37** |