**Personal Project Rubric**

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| This criterion is linked to a Learning OutcomeREQUIRED - Full CRUD | |  |  | | --- | --- | | **0.0 pts**  **Full Points** | **0.0 pts**  **No Marks** | | 0.0 pts |
| This criterion is linked to a Learning OutcomeREQUIRED - Foreign key and Join statement | |  |  | | --- | --- | | **0.0 pts**  **Full Points** | **0.0 pts**  **No Marks** | | 0.0 pts |
| This criterion is linked to a Learning OutcomeREQUIRED - MVP Plan  You MUST pass this off with your mentor before you code | |  |  | | --- | --- | | **0.0 pts**  **Full Points** | **0.0 pts**  **No Marks** | | 0.0 pts |
| This criterion is linked to a Learning OutcomeResponsive Design | |  |  | | --- | --- | | **20.0 pts**  **Full Points** | **0.0 pts**  **No Points** | | 20.0 pts |
| This criterion is linked to a Learning OutcomeRedux | |  |  | | --- | --- | | **20.0 pts**  **Full Points** | **0.0 pts**  **No Points** | | 20.0 pts |
| This criterion is linked to a Learning OutcomeHosted with Digital Ocean | |  |  | | --- | --- | | **10.0 pts**  **Full Points** | **0.0 pts**  **No Points** | | 10.0 pts |
| This criterion is linked to a Learning OutcomePresentation  Use your time effectively when presenting | |  |  | | --- | --- | | **10.0 pts**  **Full Points** | **0.0 pts**  **No Points** | | 10.0 pts |
| This criterion is linked to a Learning OutcomeAuthentication | |  |  | | --- | --- | | **10.0 pts**  **Full Marks** | **0.0 pts**  **No Marks** | | 10.0 pts |
| This criterion is linked to a Learning OutcomeOther Tech  Pick different techs to add to your project to get the remaining points you need. ------------------------------------------------------------------- the following are worth 10 points each: - Amazon S3 - ChartJS - NodeMailer/SendGrid - Twilio - Sass/Less - Css in JS - Domain Registration - 3rd party API - other (must be approved) ------------------------------------------------------------------- the following are worth 20 points each: - Stripe - Sockets - D3 - Custom Webpack - Unit Tests - other (must be approved) | |  |  |  |  | | --- | --- | --- | --- | | **30.0 pts**  **Full Marks** | **20.0 pts** | **10.0 pts** | **0.0 pts**  **No Marks** | | 30.0 pts |
| Total Points: 100.0 | | |
| **MENTOR PASS-OFF LIST**   |  |  | | --- | --- | | Idea and Users | * **Problem(s)/issue your app solves** * How does it address those issues? * Who is your target user? | | Features | * **Minimum Viable Product features your app will have** * What features does your app have? * Which features are critical, or a part of the MVP? * Which features would be ideal, but not necessary? | | View | * **At least 3 views required.** * **1 view required to be fully responsive.** * **Wireframe, or create a mockup of each view, and map out how the user will get to each of them.** * What views do you need to create/meet each feature? * How will the user get to each view? *Revisit this regularly. Simplify when possible. Focus on the user experience.* | | Routes | * **At least 3 routes required.** * **Write out the routes required for your views.** | | Database Schema | * **At least 3 tables required.** * **A foreign key and join statement are required.** * **Create a schema including datatypes for each table.** | | Endpoints | * **Full CRUD required.** * **List the url, REST method, and sample of the data being sent or received for every endpoint you need.** * Connect to the parts of the schema you need to access from each endpoint to return or save the data needed. | | Controllers | * **Make a connection to each of your endpoints.** * **Write out a sample data object that your function will send back.** * How will your function utilize body, params, or query? | | Point Plan | * **Write out how you plan to achieve  70 points.** * Take a look at the Personal Project Rubric. 70 Points are required to pass. | | | |

**Grading Rubric**

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| --- | --- |
| **Sections** | **Maximum** **Points** |
| Core | 45 |
| Additional Technologies | 30 |
| Hosting | 15 |
| Presentation | 10 |
| *All project requirements from the Project Planning & Requirements section must be successfully implemented in order for your project to pass.* | *70/100 Points are required to complete Personal Project* |

**CORE**

*You can earn a maximum of 45 points in this category.*

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| --- | --- | --- | --- |
|  | 0 Points | 5 Points | 10-15 Points |
| Responsive Design | Not Implemented/Not Functioning |  | 3+ responsive views. Must be responsive on 2 or more screen sizes. (10 pts) |
| React Redux | Not Implemented/Not Functioning | *Must have store and reducer.*   * Can read from store (mapStateToProps) (5pts) * Can write to store (dispatch) (5pts) | Can read/write to store from 2+ reducers. (15pts) |
| React Hooks | Not Implemented/Not Functioning | Uses react Hooks on at least 2 components. | Uses react Hooks on at least 5 components. (10pts) |
| Authentication | Not Implemented/Not Functioning |  | Functioning authentication (10pts) |

**Additional Technologies**

*You can earn a maximum of 30 points in this category.*

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| --- | --- | --- | --- |
|  | 0 Points | 5-10 Points | 20 Points |
| Amazon S3 | Not Implemented/Not Functioning | * Created readable/writeable Amazon S3 Bucket (5pts) * Application reads from Amazon S3 Bucket (5pts) | * Application dynamically creates/deletes from Amazon S3 bucket |
| NodeMailer/SendGrid | Not Implemented/Not Functioning | Application can send dynamically generated emails to a dynamic email address (10pts) |  |
| Twilio | Not Implemented/Not Functioning | Application can send messages through SMS (10pts) |  |
| Sockets | Not Implemented/Not Functioning | One unique listener and one unique emitter used on both client and server (4 total) (10pts) | Minimum 3 unique listeners and emitters used on both client and server (12 total) (20 pts) |
| D3 | Not Implemented/Not Functioning | Displays relevant data in the form of a graph or chart, but does not use  other graphics (10pts) | Displays relevant data in the form of other graphics beyond a graph or chart (20pts) |
| ChartJS | Not Implemented/Not Functioning | * Application displays  relevant data from database (5pts) * Users can view and dynamically generate data for a chart (5pts) |  |
| Sass/Less | Not Implemented/Not Functioning | Partially used variables, mixins, and nesting/inheritance. (5pts) | Over 50% of project wide styling was done in Sass/Less format, with all major features used. (10pts) |
| CSS in JS | Not Implemented/Not Functioning | 20-40 lines of CSS exists as CSS-in-JS (5pts)  Over 40 lines of CSS exists as CSS-in-JS (10pts) |  |
| Additional Technologies  *Must be approved by Mentor. Worth up to 10pts.* |  |  |  |

**Hosting**

*You can earn a maximum of 15 points in this category.*

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| --- | --- | --- | --- |
|  | 0 Points | 5 Points | 10 Points |
| Hosted | Not Hosted |  | Successfully Hosted |
| Domain Registration | Unregistered | Registered under unique domain name. |  |

**Presentation**

*You can earn a maximum of 10 points in this category.*

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| --- | --- | --- | --- |
|  | 0 Points | 5 Points | 10 Points |
| Presentation | Did not present, did not articulate project purpose, failed to demonstrate MVP, did not discuss technologies used. | Partially addressed requirements, went under/over time. | * Discussed project purpose * Demonstrated MVP * Reviewed technologies used * Did not discuss broken/unimplemented features * Did not heavily discuss experience of project * Kept presentation between 2:40-3:20min |