

Team Name: sdmay24-02

Team Members:

*Evan Brummer, Devin Tigges, Max Kueller, Noah Nelson, Joshua Izumba, Robert Holeman*

Report Period: 10 Oct - 22 Oct

### Summary of Progress in this Period

*In this design period we began specializing so we could work on our own tasks. Work started on: cleaning up the backend, improving the frontend experience, and testing the algorithm. Despite working on our separate teams we have continued to coordinate through our issues board and weekly meetings.*

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### Pending Issues

- *Acquire sample data to test the algorithm*
  - *Analyze performance of current algorithm*
  - *Identify redundant frontend React code to be refactored*
  - *Work through Laravel Backend*
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### Plans for Upcoming Reporting Period

- *Report our subteams to Advisor et al.*
  - *Know how to test the algorithm so we can request the data to test on.*
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### Individual Updates

| Team Members        | Current Progress   | Planned Tasks   |
|---------------------|--|---|
| <i>Evan Brummer</i> | <ul style="list-style-type: none"><li>● Performed request/response tests on Laravel instance</li><li>● Found info for the last iteration of the matching algorithm</li></ul> | <ul style="list-style-type: none"><li>● Diagram to relate frontend components to Laravel design</li><li>● Learn about Laravel DB transactions</li></ul> |
| <i>Devin Tigges</i> | <ul style="list-style-type: none"><li>● Explored other matching algorithms</li></ul>   | <ul style="list-style-type: none"><li>● Set up a testing environment to test new algorithm</li></ul>  |
| <i>Max Kueller</i>  | <ul style="list-style-type: none"><li>●</li></ul>  | <ul style="list-style-type: none"><li>●</li></ul>   |
| <i>Noah Nelson</i>  | <ul style="list-style-type: none"><li>● Email out 3rd revised ER with</li></ul>  | <ul style="list-style-type: none"><li>● Setup initial CRUD endpoints</li></ul>  |

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|-----------------------|--|--|
|                       | <ul style="list-style-type: none"> <li>many to many relation added</li> <li>Setting up laravel eloquent ORM</li> </ul>   | <ul style="list-style-type: none"> <li>Research laravel routing</li> </ul>   |
| <i>Joshua Izumba</i>  | <ul style="list-style-type: none"> <li>Investigated overriding TableCell css properties</li> <li>Created a new css style for table items and table items containing an action button.</li> </ul> | <ul style="list-style-type: none"> <li>Work on css style to improve code redundancy</li> <li>Create user type checks (will decide what dashboard to display).</li> </ul> |
| <i>Robert Holeman</i> | <ul style="list-style-type: none"> <li>Exploring testing the algorithm</li> </ul>  | <ul style="list-style-type: none"> <li>Run a test case</li> <li>Explore improvements to be made</li> </ul>   |