

De La Salle University

College of Computer Studies

Software Technology Department

**OVPEA External Opportunities Matching System**

PROJECT PLAN

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| **Team Name** | **Team Tapia** |
| **Section** | S23 |
| **Team Members** | Avenido, Joem  Cruz, Jacob  Delgado, Alyzza May  Gapuz, Jan Allen  Hao, Anthony Lance  Lim, Regeene Melarese  Soriano, Matthew Reynaldo  Sy, Joshe Martin  Tapia, Franklin Benjamin  Velasco, Vienne Mari |
| **Date Submitted** | March 8, 2016 |

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1. **Product Backlog**

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| **The Research Manager can login to the system to perform his/her tasks.** | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 70 | |
| **Assigned to:**  Regeene Lim, Jan Allen Gapuz, Joshe Martin Sy | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the login page | 2 hours | Regeene Lim |
| 2 | Design and create table for user accounts | 0.5 hour | Jan Allen Gapuz |
| 3 | Implement code for logging in | 1 hour | Jan Allen Gapuz |
| 4 | Create class/es based on class diagram | 0.5 hour | Jan Allen Gapuz |
| 5 | Testing   * Verify that the password has a minimum of 6 characters and does not contain any special characters * Verify that the user exists in the database * Verify that the username and password match * Verify that the system displays the dashboard of the correct user | 1 hour | Joshe Martin Sy |
| 6 | Debugging | 1 hour | Jan Allen Gapuz |
| 7 | Testing | 1 hour | Joshe Martin Sy |
| 8 | Finalization | 0.5 hour | Regeene Lim, Jan Allen Gapuz, Joshe Martin Sy |

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| **The Research Manager can add an external opportunity** | | | |
| **Total Estimate (Days):** 3 days | | **Priority:** 70 | |
| **Assigned to:**  Vienne Velasco, Joem Avenido, Jacob Cruz | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the “add opportunity” page | 1 hour | Vienne Velasco |
| 2 | Design and create table for opportunities | 1.5 hours | Joem Avenido |
| 3 | Populate database with opportunities | 2 hours | Jacob Cruz |
| 4 | Implement code for adding opportunities | 1 hour | Joem Avenido |
| 5 | Create class/es based on class diagram | 0.5 hour | Joem Avenido |
| 6 | Testing   * Verify that the system displays the list of external opportunities from newest to oldest * Verify that the system displays the opportunity name on each row * Verify that all required fields are filled out * Verify that the external opportunity has been successfully added to the database | 1 hour | Jacob Cruz |
| 7 | Debugging | 1 hour | Joem Avenido |
| 8 | Testing | 1 hour | Jacob Cruz |
| 9 | Finalization | 0.5 hour | Vienne Velasco, Joem Avenido, Jacob Cruz |

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| **The Research Manager can set the status of the external opportunity to open or closed.** | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 70 | |
| **Assigned to:**  Matthew Soriano, Alyzza Delgado, Anthony Hao | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the “edit opportunity” page | 2 hours | Matthew Soriano |
| 2 | Code implementation for the editing of opportunity status | 1 hour | Alyzza Delgado |
| 3 | Testing   * Verify that the system displays the list of external opportunities from newest to oldest * Verify that the status of an opportunity is changed to only “open”, “closed” or “extended” | 0.5 hour | Anthony Hao |
| 4 | Debugging | 1 hour | Joem Avenido |
| 5 | Testing | 0.5 hour | Anthony Hao |
| 6 | Finalization | 0.5 hour | Matthew Soriano, Alyzza Delgado, Anthony Hao |

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| **The student can view the list of the external opportunities to know what he/she can apply for.** | | | |
| **Total Estimate (Days):** 5 days | | **Priority:** 70 | |
| **Assigned to:**  Regeene Lim, Vienne Velasco, Matthew Soriano, Jan Allen Gapuz, Alyzza Delgado, Joem Avenido, Joshe Martin Sy, Jacob Cruz, Anthony Hao | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the page for external opportunities viewing (or homepage) | 1 hour | Regeene Lim, Vienne Velasco, Matthew Soriano |
| 2 | Create page view for external opportunities requirements and qualifications | 1 hour | Regeene Lim, Vienne Velasco, Matthew Soriano |
| 3 | Code implementation for displaying the opportunities in a page | 1 hour | Jan Allen Gapuz |
| 4 | Code implementation for displaying and sorting the requirements and qualifications of an opportunity by date and time, country, college, newest to oldest | 1.5 hours | Alyzza Delgado, Joem Avenido |
| 5 | Testing: Verify that each external opportunity displays the publicity material with the following details: opportunity name, company name, contact details, description and application period | 0.5 hour | Joshe Martin Sy |
| 6 | Testing: Verify that the system displays the list of the external opportunities and can be sorted by date and time, country, college, newest to oldest | 0.5 hour | Anthony Hao |
| 7 | Testing: Verify that the account logged in is a Research Manager | 0.5 hour | Jacob Cruz |
| 8 | Debugging | 1.5 hours | Jan Allen Gapuz, Alyzza Delgado, Joem Avenido |
| 9 | Testing | 1 hour | Joshe Martin Sy, Anthony Hao, Jacob Cruz |
| 10 | Finalization | 1.5 hours | Regeene Lim, Vienne Velasco, Matthew Soriano, Jan Allen Gapuz, Alyzza Delgado, Joem Avenido, Joshe Martin Sy, Jacob Cruz, Anthony Hao |
| **The student can submit an inquiry with regard to their concerns about an external opportunity.** | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 60 | |
| **Assigned to:**  Regeene Lim, Jan Allen Gapuz, Joshe Martin Sy | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the page for inquiry page | 1 hour | Regeene Lim |
| 2 | Create and Design table for inquiry | 0.5 hour | Jan Allen Gapuz |
| 3 | Code Implementation for accepting and adding inquiry to the database | 1 hour | Jan Allen Gapuz |
| 4 | Testing:   * Verify that the system displays the comments section with the list of comments from newest to oldest * Verify that the comments have the message and a timestamp * Verify that the system displays the comment box | 1 hour | Joshe Martin Sy |
| 5 | Debugging | 1 hour | Jan Allen Gapuz |
| 6 | Testing | 1 hour | Joshe Martin Sy |
| 7 | Finalization | 1 hour | Regeene Lim, Jan Allen Gapuz, Joshe Martin Sy |

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| **The Research Manager can manage the comments section.** | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 60 | |
| **Assigned to:**  Vienne Velasco, Joem Avenido, Jacob Cruz | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the page for managing comments | 1 hour | Vienne Velasco |
| 2 | Code implementation for updating the details of a comment in the database | 1 hour | Joem Avenido |
| 3 | Code implementation for displaying the comments by date and time | 1 hour | Joem Avenido |
| 4 | Testing:   * Verify that the system displays the comments by date and time * Verify that a Research Manager can delete a comment * Verify that a Research Manager can answer a comment | 1 hour | Jacob Cruz |
| 5 | Debugging | 1 hour | Jan Allen Gapuz |
| 6 | Testing | 1 hour | Joshe Martin Sy |
| 7 | Finalization | 1 hour | Regeene Lim, Jan Allen Gapuz, Joshe Martin Sy |

it an inquiry with regard to their concerns about an external opportunity.

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| **A student can write his/her name on the student tracking section.** | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 60 | |
| **Assigned to:**  Matthew Soriano, Alyzza Delgado, Anthony Hao | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the page and form for student tracking | 1 hour | Matthew Soriano |
| 2 | Code implementation for storing details in database | 2 hours | Alyzza Delgado |
| 3 | Testing:   * Verify that the student can fill out a form * Verify that the tracking details of a student is stored in the database | 0.5 hour | Anthony Hao |
| 5 | Debugging | 1 hour | Alyzza Delgado |
| 6 | Testing | 0.5 hour | Anthony Hao |
| 7 | Finalization | 1 hour | Matthew Soriano, Alyzza Delgado, Anthony Hao |

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| **A Research Manager can edit or delete an opportunity.** | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 60 | |
| **Assigned to:**  Regeene Lim, Jan Allen Gapuz, Joshe Martin Sy | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the editing or deleting an opportunity | 1 hour | Regeene Lim |
| 2 | Code implementation for storing details in database | 2 hours | Jan Allen Gapuz |
| 3 | Testing:   * Verify that the the changes are updated in the database * Verify that the tracking details of a student is stored in the database | 0.5 hour | Joshe Martin Sy |
| 5 | Debugging | 1 hour | Jan Allen Gapuz |
| 6 | Testing | 0.5 hour | Joshe Martin Sy |
| 7 | Finalization | 1 hour | Regeene Lim, Jan Allen Gapuz, Joshe Martin Sy |

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| **A Research Manager can edit a field in his/her account** | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 60 | |
| **Assigned to:**  Vienne Velasco, Joem Avenido, Jacob Cruz | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the page for editing the account | 1 hour | Vienne Velasco |
| 2 | Code implementation for updating changes details in database | 2 hours | Joem Avenido |
| 3 | Testing:   * Verify that the Research Manager can edit a field in his/her account * Verify that the changes applied are updated in the database | 0.5 hour | Jacob Cruz |
| 5 | Debugging | 1 hour | Joem Avenido |
| 6 | Testing | 0.5 hour | Jacob Cruz |
| 7 | Finalization | 1 hour | Vienne Velasco, Joem Avenido, Jacob Cruz |

1. **Iteration Plan**

*This section details how the different user stories are divided and prioritized in iterations.*

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| **User Stories** | **Iteration 1**  **Feb 16 - Mar 8** | **Iteration 2**  **Mar 9 – Apr 20** |
| 1 – User Log-in | √ |  |
| 2 – Add external opportunity record | √ |  |
| 3 – Update status of external opportunity record | √ |  |
| 4 – View list of external opportunities |  | √ |
| 5 – Add comment/inquiry |  | √ |
| 6 – Manage comment/inquiry record |  | √ |
| 7 – Add student tracking record |  | √ |
| 8 – Update a field of an opportunity |  | √ |
| 9 – Update a field in the Research Manager account |  |  |