

De La Salle University

College of Computer Studies

Software Technology Department

**COMPUTER STUDIES GOVERNMENT**

PROJECT PLAN

|  |  |
| --- | --- |
| **Team Name** | **House Of Megan** |
| **Section** | S23 |
| **Team Members** | Avanceña, Margaret Ann  Bautista, Carlo Migel  Chua, Ralph  Dimanarig, Edgar  Garcia, Daniel Jaspher  Mañalac, Miguel Iñigo  Medel, Rheygine Kim  Ongsingco, Joseph  Partosa, Brandon  Tiu, Kenywil |
| **Date Submitted** | February 21, 2016 |

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1. **Product Backlog**

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| **#1** The users must be able to access their accounts to benefit from the system | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 10 | |
| **Assigned to:** Joseph Ongsingco, Rheygine Medel, Ralph Chua | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for user accounts | 1 hr | Joseph Ongsinco |
| 2 | Create the UI for the login page | 1 hr | Rheygine Medel |
| 3 | Create case study | 2 hrs | Ralph Chua |
| 4 | Connect UI to the database | 1 hr | Joseph Ongsingco |
| 5 | Security features | 2 hrs | Joseph Ongsingco |
| 6 | Test feature | 3 hrs | Ralph Chua |

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| **#2**  As an officer of the CSG, I want to be able to register an account so I could use the system. | | | |
| **Total Estimate (Days):** 1.5 day | | **Priority:** 10 | |
| **Assigned to:** Miguel Mañalac, Daniel Garcia, Brandon Partosa | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for user accounts | 1 hr | Miguel Mañalac |
| 2 | Create the UI for the register page | 2 hrs | Daniel Garcia |
| 3 | Create case study | 2 hrs | Brandon Partosa |
| 4 | Connect UI to the database | 1 hr | Miguel Mañalac |
| 5 | Add officer function | 1 hr | Miguel Mañalac |
| 6 | Test feature | 3 hrs | Brandon Partosa |

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| **#3**  As the CSG president, I want to be able to accept officers registering into the system so that they can benefit from it as well. | | | |
| **Total Estimate (Days):** 1.5 days | | **Priority:** 10 | |
| **Assigned to:** Joseph Ongsingco, Rheygine Medel, Ralph Chua | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for user accounts | 1 hr | Joseph Ongsingco |
| 2 | Create the UI for the user validation page | 1 hr | Rheygine Medel |
| 3 | Create case study | 2 hrs | Ralph Chua |
| 4 | Connect UI to the database | 1 hr | Joseph Ongsingco |
| 5 | User validation function | 1 hr | Joseph Ongsingco |
| 6 | Test Feature | 3 hrs | Ralph Chua |

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| **#4**  As CSG president, I want to be informed on the status of the post-activity and pre-activity requirements when they have been prepared and submitted to the office so that I can be assured that projects are done. | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 20 | |
| **Assigned to:**  Joseph Ongsingco, Rheygine Medel, Ralph Chua | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for notification and project | 1 hr | Joseph Ongsingco |
| 2 | Create the UI notification on dashboard | 2.5 hrs | Rheygine Medel |
| 3 | Create case study | 2 hrs | Ralph Chua |
| 4 | Connect UI to the database | 1 hr | Joseph Ongsingco |
| 5 | Notification function based on pre and post activity status | 3 hrs | Joseph Ongsingco |
| 6 | Test Feature | 5 hrs | Ralph Chua |

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| **#5**  As the CSG President I want to upload document templates so that the project heads will be prepared for their papers. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 20 | |
| **Assigned to:**  Carlo Bautista, Edgar Dimanarig ll, Kenywil Tiu | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the UI for the document repository page | 2 hrs | Kenywil Tiu |
| 2 | Create case study | 2 hrs | Edgar Dimanarig |
| 3 | Connect UI to the database | 1 hr | Carlo Bautista |
| 4 | Function allowing templates to be downloaded | 5 hrs | Carlo Bautista |
| 5 | Test Feature | 3 hrs | Edgar Dimanarig |

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| **#6**  As the project head, I want to have a list of pre-activity requirements for the project based on the project type stated in the calendar of activities so that I will be prepared and avoid pending papers. | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 20 | |
| **Assigned to:**  Miguel Mañalac, Daniel Garcia, Brandon Partosa | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for projects | 1 hr | Miguel Mañalac |
| 2 | Create the UI for the project page | 2.5 hrs | Daniel Garcia |
| 3 | Create case study | 2 hrs | Brandon Partosa |
| 4 | Connect UI to the database | 1 hr | Miguel Mañalac |
| 5 | Function that lists pre-activity requirements as checklist | 3 hrs | Miguel Mañalac |
| 6 | Test Feature | 5 hrs | Brandon Partosa |

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| **#7**  As the project head, I want to have access on the checklist of the requirements during the event so that I can monitor the activity during its execution. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 30 | |
| **Assigned to:**  Miguel Mañalac, Daniel Garcia, Brandon Partosa | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for event requirements | 2 hrs | Miguel Mañalac |
| 2 | Create the UI for project page | 2.5 hrs | Daniel Garcia |
| 3 | Create case study | 2 hrs | Brandon Partosa |
| 4 | Connect UI to the database | 1 hrs | Miguel Mañalac |
| 5 | Function that lists event requirements as checklist | 3 hrs | Miguel Mañalac |
| 6 | Test Feature | 5 hrs | Brandon Partosa |

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| **#8**  As project head, I want to access and download the document templates when I need them so that I can prepare the required paperwork. | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 20 | |
| **Assigned to:**  Carlo Bautista, Edgar Dimanarig ll, Kenywil Tiu | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create UI for document repository page | 2 hrs | Kenywil Tiu |
| 2 | Create case study | 2 hrs | Edgar Dimanarig ll |
| 3 | Connect UI to the database | 1 hrs | Carlo Bautista |
| 4 | Function allowing templates to be downloaded | 5 hrs | Carlo Bautista |
| 5 | Test Feature | 2 hrs | Edgar Dimanarig ll |

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| **#9**  **:** As the project head, I want to inform the CSG President on the status of the project requirements so that it will be easier for both the president and I to update each other. | | | |
| **Total Estimate (Days):** 1.5 days | | **Priority:** 30 | |
| **Assigned to:**  Joseph Ongsingco, Rheygine Medel, Ralph Chua | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for status of projects | 2 hrs | Joseph Ongsingco |
| 2 | Create the UI for the project page | 2 hrs | Rheygine Medel |
| 3 | Create case study | 2 hrs | Ralph Chua |
| 4 | Connect UI to the database | 1 hr | Joseph Ongsingco |
| 5 | Function that displays current status of the projects | 2 hrs | Joseph Ongsingco |
| 6 | Test Feature | 3 hrs | Ralph Chua |

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| **#10**  As the project head, I want to be reminded of the deadlines for the processing of paperworks so that it will not slip off my mind. | | | |
| **Total Estimate (Days):** 3 days | | **Priority:** 30 | |
| **Assigned to:**  Joseph Ongsingco, Rheygine Medel, Ralph Chua | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for paper works and notifications | 2 hrs | Joseph Ongsingco |
| 2 | Create UI for notification on dashboard | 2 hrs | Rheygine Medel |
| 3 | Create case study | 2 hrs | Ralph Chua |
| 4 | Connect UI to the database | 1 hr | Joseph Ongsingco |
| 5 | Function that calculates how long notification should be in dashboard | 2 hrs | Joseph Ongsingco |
| 6 | Add notification to dashboard function | 2 hrs | Joseph Ongsingco |
| 7 | Test Feature | 3 hrs | Ralph Chua |

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| **#11**  As the project head, I want to have a list of post-activity requirements so that I will be able to keep track of the documents that I have to submit after completion of the event. | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 30 | |
| **Assigned to:**  Miguel Mañalac, Daniel Garcia, Brandon Partosa | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for projects | 1 hr | Miguel Mañalac |
| 2 | Create the UI for the project page | 2.5 hrs | Daniel Garcia |
| 3 | Create case study | 2 hrs | Brandon Partosa |
| 4 | Connect UI to the database | 1 hr | Miguel Mañalac |
| 5 | Function that lists post-activity requirements as checklist | 3 hrs | Miguel Mañalac |
| 6 | Test Feature | 5 hrs | Brandon Partosa |

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| **#12**  As the Committee Head, I want to be informed if there is a project my committee needs to handle so that I can efficiently assign a project head. | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 10 | |
| **Assigned to:** Miguel Mañalac, Daniel Garcia, Brandon Partosa | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for project and notifications | 2 hrs | Miguel Mañalac |
| 2 | Create the notification in the dashboard page | 2 hrs | Daniel Garcia |
| 3 | Create case study | 2 hrs | Brandon Partosa |
| 4 | Connect UI to the database | 1 hr | Miguel Mañalac |
| 5 | Function that notifies committee head if their committee is ‘tagged’ on | 3 hrs | Miguel Mañalac |
| 6 | Test feature | 3 hrs | Brandon Partosa |

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| **#13** As the Committee Head, I want to see the workload of the officers under me. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 30 | |
| **Assigned to:**  Carlo Bautista, Edgar Dimanarig ll, Kenywil Tiu | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for users | 2 hrs | Carlo Bautista |
| 2 | Create the UI for the officer list page with current workload column | 1.5 hrs | Kenywil Tiu |
| 3 | Create case study | 2 hrs | Edgar Dimanarig |
| 4 | Connect UI to the database | 1 hr | Carlo Bautista |
| 5 | Function that specifies current number of projects handled by an officer | 2 hrs | Carlo Bautista |
| 6 | Test feature | 3 hrs | Edgar Dimanarig |

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| **#14**  As the Committee Head, I want to be able to assign a project to my executives so that they can be immediately notified of their task. | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 20 | |
| **Assigned to:**  Joseph Ongsingco, Rheygine Medel, Ralph Chua | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for projects and notifications | 2 hrs | Joseph Ongsingco |
| 2 | Create the UI for the calendar of activities | 2 hrs | Rheygine Medel |
| 3 | Create case study | 2 hrs | Ralph Chua |
| 4 | Connect UI to the database | 1 hr | Joseph Ongsingco |
| 5 | Project assignment function through calendar of activities | 2 hrs | Joseph Ongsingco |
| 6 | Test feature | 3 hrs | Ralph Chua |

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| **#15**  As the CSG secretary, I want to add the project details from the GOSM to the Calendar of Activities, where everyone, the president and officers, can see so that it will be easier and more accessible for everyone. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 10 | |
| **Assigned to:** Miguel Mañalac, Daniel Garcia, Brandon Partosa | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for calendar of activities | 2 hrs | Miguel Mañalac |
| 2 | Create the UI for the calendar of activities | 2 hrs | Daniel Garcia |
| 3 | Create case study | 2 hrs | Brandon Partosa |
| 4 | Connect UI to the database | 1 hr | Miguel Mañalac |
| 5 | Project adding function | 2 hrs | Miguel Mañalac |
| 6 | Test feature | 3 hrs | Brandon Partosa |

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| **#16**  As CSG secretary, I want everyone, the president and officers, to get updates on the revisions and additions to the Calendar of activities, especially when it pertains to a committee so that they, the concerned officers, will know without me reminding them. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 10 | |
| **Assigned to:** Joseph Ongsingco, Rheygine Medel, Ralph Chua | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for notifications and calendar of activities | 2 hrs | Joseph Ongsingco |
| 2 | Create the UI for the dashboard | 2 hrs | Rheygine Medel |
| 3 | Create case study | 2 hrs | Ralph Chua |
| 4 | Connect UI to the database | 1 hr | Joseph Ongsingco |
| 5 | Function that notifies concerned officers | 3 hrs | Joseph Ongsingco |
| 6 | Test feature | 3 hrs | Ralph Chua |

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| **#17**  As the publicity head, I want to be informed when all the pre-activity requirements are approved so that I can start publicizing the activity. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 30 | |
| **Assigned to:**  Carlo Bautista, Edgar Dimanarig ll, Kenywil Tiu | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for projects and notification | 2 hr | Carlo Bautista |
| 2 | Create the notification for the dashboard | 2 hrs | Kenywil Tiu |
| 3 | Create case study | 2 hrs | Edgar Dimanarig |
| 4 | Connect UI to the database | 1 hr | Carlo Bautista |
| 5 | Function notifies when pre-activity requirements are all approved | 2 hrs | Carlo Bautista |
| 6 | Test feature | 3 hrs | Edgar Dimanarig |

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| **#18**  As a user, I want to end my session by logging out of the system. | | | |
| **Total Estimate (Days):** 1.5 days | | **Priority:** 10 | |
| **Assigned to:** Carlo Bautista, Edgar Dimanarig ll, Kenywil Tiu | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for user | 1 hr | Carlo Bautista |
| 2 | Create case study | 2 hrs | Edgar Dimanarig |
| 3 | Connect UI to the database | 1 hrs | Carlo Bautista |
| 4 | Logout function | 1 hr | Carlo Bautista |
| 5 | Test feature | 2 hrs | Edgar Dimanarig |

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| **#19**  As the CSG secretary, I want to update the project details from the GOSM to the Calendar of Activities if there is a change in the project details so that everyone, the president and officers, will be updated so that they will have the updated details to see. | | | |
| **Total Estimate (Days):** 2.5 days | | **Priority:** 10 | |
| **Assigned to:** Joseph Ongsingco, Ralph Chua, Rheygine Medel | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Design and create table for Calendar of Activities | 2 hrs | Joseph Ongsingco |
| 2 | Create the UI for the calendar of activities | 2 hrs | Rheygine Medel |
| 3 | Create case study | 2 hrs | Ralph Chua |
| 4 | Connect UI to the database | 1 hr | Joseph Ongsingco |
| 5 | Update details in calendar of activities function | 2 hrs | Joseph Ongsingco |
| 6 | Test feature | 3 hrs | Ralph Chua |

1. **Iteration Plan**

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

|  |  |  |
| --- | --- | --- |
| **User Stories** | **Iteration 1**  **Feb 16 - Mar 16** | **Iteration 2**  **Mar 23 – Apr 20** |
| 1 – Login | √ |  |
| 2 – Register | √ |  |
| 3 – Registration validated by President | √ |  |
| 4 – President informed of pre-activity requirements of projects |  | √ |
| 5 – Document template repository |  | √ |
| 6 – Pre-activity requirements checklist |  | √ |
| 7 – Checklist of requirements during the event |  | √ |
| 8 – Project heads accessing and downloading document template |  | √ |
| 9 – Project heads informs President of status of projects |  | √ |
| 10 – Deadline reminders for project heads |  | √ |
| 11 – Post activity requirements checklist |  | √ |
| 12 – Committee head notified when a project in the Calendar of Activities is assigned to his committee | √ |  |
| 13 – View current workload of officers |  | √ |
| 14 – Assigning of projects to officers and notifying them |  | √ |
| 15 – Add project to the Calendar of Activities | √ |  |
| 16 – Notification on the updates in the changes in the Calendar of Activities | √ |  |
| 17 – Publicity head gets informed when a project has all pre-acts requirements |  | √ |
| 18 – Logout | √ |  |
| 19 – Update details in the Calendar of Actiivities | √ |  |

1. **Overview of Teams**

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| --- | --- | --- | --- |
|  | **User Stories** | **Teams**  **Iteration 1** | **Teams**  **Iteration 2** |
| 1 | Login | A |  |
| 2 | Register | B |  |
| 3 | Registration validated by President | A |  |
| 4 | President informed of pre-activity requirements of projects |  | A |
| 5 | Document template repository |  | C |
| 6 | Pre-activity requirements checklist |  | B |
| 7 | Checklist of requirements during the event |  | B |
| 8 | Project heads accessing and downloading document template |  | C |
| 9 | Project heads informs President of status of projects |  | A |
| 10 | Deadline reminders for project heads |  | A |
| 11 | Post activity requirements checklist |  | B |
| 12 | Committee head notified when a project in the Calendar of Activities is assigned to his committee | B |  |
| 13 | View current workload of officers |  | C |
| 14 | Assigning of projects to officers and notifying them |  | A |
| 15 | Add project to the Calendar of Activities | B |  |
| 16 | Notification on the updates in the changes in the Calendar of Activities | A |  |
| 17 | Publicity head gets informed when a project has all pre-acts requirements |  | C |
| 18 | Logout | C |  |
| 19 | Update details in the Calendar of Activities | C |  |

**Legend:**

**A –** Joseph Ongsingco, Rheygine Medel, Ralph Chua [3] [4]

**B –** Miguel Mañalac, Daniel Garcia, Brandon Partosa [3] [3]

**C –** Carlo Bautista, Kenywil Tiu, Edgar Dimanarig ll [2] [4]