**Project overview**

***Background***

Wilmington University is located at Wilmington, DE. It is a non-profit private university. It has around 20,522 students and 1,452 academic staffs including part-time and full-time. There are three semesters in one academic year: Spring, summer, and fall.

***Problem Statement***

There are thousands of students in Wilmington University. During the registration period if all the students come to campus administration, it will be overcrowded and maybe unmanageable. Students will have to wait long time in queue and might end with bad student service experience and dissatisfaction. With the introduction of online registration program students will be able to register for class through Internet.

***Project Vision***

This online registration system will be a web platform that will help Wilmington University students to browse, find and register for classes.

* ***Success Criteria***

1. The system should be up and running
2. The system should send a confirmation message of registration.
3. At least 20 users should be able to register for same class at the same time.

***Project Approach/Development Process***

Scrum – an Agile Methodology

* **Project plan**
* ***Scope***

The scope of the project includes:

**In Scope:**

* The website will have a university logo.
* The website will provide a list of 3 majors for students.
* The website will show 5 courses each for all three majors.
* The website will be in working condition and will be published on the World Wide Web.
* The website will have a login page for students to access the registration services.

**Out of Scope:**

* Initial product release will not include student access to billing, view/order transcript, student profile etc.
* Initial product release will not include ordering books for selected courses.
* Initial product release will not include exporting the student registration confirmation page to other services such as email.
* Initial product release will not include a PDF registration confirmation receipt that can be downloaded by students.
* Initial product release will not include access to academic information.
* Initial product release will not be connected to the current university website which provides academic details, tuition details, faculty details etc.

***Project Participants***

* Key project participants and the role that they will play in the project.

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| **Role** | **Name** | **Organization** |
| **Product Owner** | Prof. Bethea Courtney | Wilmington University |
| **Scrum Master** | Roshan Ramtel | Wilmington University |
| **Scrum Team** | Divyesh Ahir, Atul Chadha, Venkatesh | Wilmington University |

***Project Timeline Estimate:***

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| **Date** | **Milestone** | **Deliverables** |
| 11/15/2018 | Website | Working website on WWW,  Project Charter, RACI Chart, Vision, Roadmap, Release Plan, Kanban Board, Product Backlog, User Stories. |
| 11/22/2018 | MVP | MVP Product |
| 11/29/2018 | TBD |  |
| 12/06/2018 | TBD |  |
| 12/13/2018 | TBD |  |

**Constraints, assumptions, and risks**

***Constraints***

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| **Constraint** | **Impact** |
| Site needs to be published within Github | The programming language or modules to be used might be limited. |
| More than 20 students cannot register for same class | Registration denial information needs to be passed. |

***Assumptions***

* ◾ Github will be up and running for the next 2 months.
* ◾  Internet will be up and access to Github server will be available anytime for coding and testing purposes.
* ***Dependencies***
* ◾ Github need to be up and running for the completion and operation of the project.
* ◾ Access to Github server through Internet will be required for all coding and testing purposes.

***Risks***

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| **Risk** | **Mitigation Strategy** |
| Project is totally dependent on Github server | Create backups and archive the codes and files. |
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