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| --- | --- | --- | --- |
| **Project Name** | Document Tracking System | | |
| **Course-Section** | BSCS3A | **Subject** | Software Engineering |
| **Team Name** | Group 5 | **Driver** | Jinn Dilag |
| **Key Contributors** | Cristopher A. Avanzado  Franz Superales  Patrick Gallardo  Neil Michael Cañas  Sean Quiñones | **Approver** | Rellmon P. Ponce de Leon |

**Objective**

**Objective:** Our Document Tracking System (DTS) aims to provide a sense of security for the user by giving them access to the information they need concerning the documents/messages that they deliver. (i.e. delivery details and status)

**Background Information**

Document tracking has been inspired by having your documents be track easily if you requested at the registrar. Like tracking your list or your to do list, Document tracking focuses on a specific problem that every person has. To achieve the success of the project we must use a framework called the Codeigniter 3, this utilizes the program language of PHP and html and for the frontend we decided we will use the Bootstrap 4.

**Project Coverage**

**Scope of Work**

* Items that are part of the scope of the project.
* This may contain components of the project, integrations, etc.
* The work will be included the log in page and a signup page
* The history and the request aspect of the project.

**Not in scope**

* Items that are not part of the scope of the project.
* These items can also be considered as project limitations.
* Not focusing much on the delivery aspect of the project rather on the tracking aspect.
* As for now even though it is nice to have paywall is not very much covered in the project and courier as well.

**Nice to have**

* Nice to have is a paywall integration
* Nice to have is a timetable that can show the
* Courier option is a nice to have as it can give the user an option to receive the document from someone via a delivery courier.

**Acceptance Criteria**

It is accepted that this project can be accessed online as users can register for their own account and can track and request documents.

**Plans**

**Pre-conditions**

* This contains the information for any initial conditions met by the project.
* The project can track the document that can be delivered.
* The project is unique and has not done yet by others.
* The project can be started by scratch and can be made using the ci3
* The project is not very hard for us to do.

**Assumptions**

* This contains the information for any assumptions towards the project
* The assumption that we made to our project is that it can help track the data that the user will received and requested from the other user, specifically to the TUP.

**Code, version, and Data changes**

* This contains the information for any code or data related changes, including version if the application is already existing.
* There is no existing application.
* We are using the codeigniter 3 as the framework of this project.
* We also use bootstrap 4 for the frontend of the project
* We also use phpMyAdmin for making the database schema.

**Deployment**

* To deploy the project you must need to install xampp and use the phpMyAdmin for the sql file.
* After installing xampp proceed to the phpMyAdmin then import the sql file and input the url.

Decisions

This contains any decisions to be made or have been made for the project.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Title** | **Description** | **Impact** | **Suggestion** | **Decision** |
| **Bootstrap 4** | **Using bootstrap 4 as the frontend of our project** | **The project looks very nice and very presentable to look at** | **None** | **included** |
| **Log in and signup** | **Adding a log in and signup to the project** | **The project has a direction that it can be access to the users** | **None** | **included** |
| **Request and history tab** | **Adding a tab that request a document from a user and a history tab to track the said document to be received** | **It is the backbone of the project, and it gives its identity** | **None** | **included** |

**Milestones, Deadlines and Timelines**

This contains the general information regarding the target milestones of the project as based on the project coverage. Based on the milestones, it will derive the projected timelines for each item which in return will provide the projected deadline of the whole project.

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| --- | --- | --- | --- | --- | --- | --- |
| **Milestone** | **Start Date** | **Target End Date** | **Actual End Date** | **Status** | **Coverage** | **Test Results** |
| Week 1 | Nov 9,2021 | Nov 16, 2021 | Nov 16, 2021 | Starting the project by preparing what needed to study | It focuses on the db and studying and setting up the ci3 | - |
| Week 2 | Nov 16, 2021 | Nov 23, 2021 | Nov 23, 2021 | Starting the project by having the login | Login and signup | - |
| Week 3-4 | Nov 23, 2021 | Dec 7, 2021 | Jan 25, 2022 | The project is almost done at this point | CRUD and ui for login | - |
| Week 5 | Dec 7, 2021 | Dec 14, 2021 | Dec 14, 2021 | At the point where the project is ready to be tested | CRUD for doc side and ui in the most part of the project | - |
| Week 6 | Jan 4, 2021 | Jan 11,2021 | Jan 31, 2021 | Finalization of the project | Testing and finalizing |  |

Quality Assurance

We will be using the sonarqube that are sir provided for us to check the code for our project and was being check the security the quality of the project and the bugs of it as well. We also use the selenium for making the test cases of the project so far none bugs was present and the result was acceptable.

Checklist

Optional part of the document but nice to have. This contains any items that need to be attained for the project to become successful.

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| --- | --- | --- | --- | --- |
| **Description** | **Yes** | **No** | **N/A** | **Remarks** |
| Request tab | O |  |  | The backbone of the project |
| A history tab | O |  |  | Can help track documents |
| Log in and signup | O |  |  | Can access your own account |
| Homepage | O |  |  | The starting point of the project |

**Other References, Screenshots, and diagrams**

This contains any information that will provide additional data in support of the project.

**Necessary diagrams**

* **Top-level diagram**
* **Low-level diagram**
* **If applicable, network diagram**
* **Sequence diagram**
* **Data-flow**

Diagram

Description automatically generatedGraphical user interface, text, application, email

Description automatically generatedGraphical user interface, application, table

Description automatically generatedDiagram, schematic

Description automatically generatedDiagram

Description automatically generatedDiagram

Description automatically generated

Data Flow diagram

Data Schema and ERD

Low level Diagram

Sequence Diagram

Top-level Diagram