Feature Release Plan

for

Online PCR Tests Booking Platform

at The Department of Electrical and Computer Engineering,

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Trinidad

Version 0.1 (Draft)

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# Document Control

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## Document Change Record

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Author | Change Details |
| 15 Oct 2021 | 0.0 | Tahj Ramudith | * Initial commit * Drafted releases for product |

# Introduction

The feature release plan breaks the product being developed into stages for deployment. The requirements are broken up into priorities to determine an order for which the requirements will be developed, tested, and integrated to achieve full system functionality within project scope.

## Priorities

The requirements are currently broken up into three priority levels, Necessary, Highly Desirable, and Desirable. These are ordered from highest to lowest priority where necessary requirements are defined as being an integral part of the basic and minimum functionality of the product.

# Release 1

The first release of the contains solely of the necessary requirements deemed to be needed for the product to be able to perform its most basic functions for account creation and form completion. These functions are for users to be able to:

* Create accounts for basic user classes (Admin and General user)
* Display an option for completing a form
* Completion and submission of forms

The requirements that are expected to be completely or partially integrated into the system for this release are listed below.

|  |  |  |
| --- | --- | --- |
| Label | Requirement | Integration |
| Sys.classes | The system will have three user classes: ‘admin user’, ‘staff user’ and ‘general user’ | Partial |
| Sys.forms | All submitted PCR test forms will be added to a database | Complete |
| Gu.account | General users will be able to make an account or log in to a pre-existing one | Complete |
| Gu.submit | General users will be able to complete and submit PCR test forms prior to booking | Complete |
| Au.info | User information will be secure and only accessible and modifiable by system admins | Partial |

# Release 2

The second release of the project will aim to build upon the first release. This release will be based upon the addition of the appointment system which will include the following functionalities:

* Submitted forms being appended to queue for approval
* Admin viewing of the queue
* General user can see available dates decided by admin
* General user can request appointments and admin can approve
* Admin can view and modify appointments and available dates

The requirements that are expected to be completely or partially integrated into the system are shown below.

|  |  |  |
| --- | --- | --- |
| Label | Requirement | Integration |
| Sys.queue | System will add newly submitted forms to the end of a queue | Complete |
| Sys.app | The system will have a log of all appointments for admin and staff viewing | Partial |
| Gu.app | General users will be able to view available dates for appointment dates | Complete |
| Gu.booking | General users will be able to request appointments for PCR tests | Complete |
| Au.app | Admin users will be able to change and cancel appointments | Complete |
| Au.dates | Admin users will be able to make and change available dates. | Complete |
| Au.approve | Admin users will have access to the queue and will be able to approve submissions and appointments | Complete |

# Release 3

Release 3 will be the final release before all necessary requirements are met and product is able to achieve all basic functions for operation.

The functions added in release 3 are:

* Creation of the staff user
* Staff user can approve and view appointments
* Staff user can retrieve submitted forms
* Information security

The requirements implemented in this release are shown below.

|  |  |  |
| --- | --- | --- |
| Label | Requirement | Integration |
| Sys.classes | The system will have three user classes: ‘admin user’, ‘staff user’ and ‘general user’ | Complete |
| Sys.app | The system will have a log of all appointments for admin and staff viewing | Complete |
| Su.forms | Staff user will be able to retrieve submitted PCR test forms | Complete |
| Su.approve | Staff users will have access to the queue and will be able to approve submissions and appointments | Complete |
| Au.info | User information will be secure and only accessible and modifiable by system admins | Complete |
| Su.app | The ‘staff’ user class will only be able to view the appointments but cannot alter the data in it | Complete |