**AMRITA VISHWA VIDYAPEETHAM Academic Year 2021-22**

# Semester: VI Sem B.Tech 19CSE314 SOFTWARE ENGINEERING

Backlog Grooming

## **Team Name:** **CAUT**

## **Project Title:** **Automated Elective Processing**

## **Team details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Roll Number** | **Name** | **Role for Sprint 1** | **Marks (10)** |
| CB.EN.U4CSE19214 | Santhosh Bharathi E | Web designer/ Tester |  |
| CB.EN.U4CSE19225 | Maithreyan S | Backend Developer/ Database administrator |  |
| CB.EN.U4CSE19243 | Saurav S | Web designer/ Backend Developer |  |
| CB.EN.U4CSE19259 | Tejaswi S | Web designer/ Business Analyst |  |
| CB.EN.U4CSE19263 | Viswabharathi K A | Scrum Master/ Web designer |  |

Faculty name and signature:

# Epic 1 - User Authentication and Validation

## Story 1 - User Registration – As an admin, I would like to register users.

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Member** | **Priority** | **Estimate (Hours)** |
| Design Registration page | Santhosh | High Priority | 1hr |
| Implement the registration page with relevant UI, icons and images | Tejaswi | Medium | 1hr |
| Implement registration form validation | Saurav | High |  |
| Create SQL scripts to create tables | Maithreyan | High | 2hrs |
| Create triggers on user registration | Saurav | High | 1hr |
| Store registered user credentials in the database | Viswabharathi | Medium | 0.5 hrs |

## Story 2 - User login- As a user, I would like to login effortlessly

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| --- | --- | --- | --- |
| **Task** | **Member** | **Priority** | **Estimate (Hours)** |
| Design login page for teachers | Tejaswi | Medium | 2hrs |
| Design login page for students | Santhosh | Medium | 2hrs |
| Design login page for admin | Viswabharathi | Medium | 2hrs |
| User mapping/ authentication (credentials verification) | Maithreyan | High | 1hr |
| Clear credentials functionality | Saurav | low | 0.5hrs |

## Story 3 - User logout- As a user, I would like to logout effortlessly

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| --- | --- | --- | --- |
| **Task** | **Member** | **Priority** | **Estimate (Hours)** |
| Button to logout | Viswabharathi | low | 0.5hrs |
| Confirm before logout | Viswabharathi | low | 0.5hrs |
| Redirect the user to the logout screen | Viswabharathi | medium | 0.5hrs |

# Epic 2 - Dashboard

## Story 1 - Manage passwords: As a user, I want to be able to change/improve my auth services

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| --- | --- | --- | --- |
| **Task** | **Member** | **Priority** | **Estimate (Hours)** |
| Create a change password option | Saurav | High | 1hr |
| Design a Change Password page | Tejaswi | High | 1hr |
| Add a button Change password that is connected to Database | Viswabharathi | High | 1hr |
| Add an alert dialogue box if there was an error in changing password | Maithreyan | medium | 1hr |

## Story 2- Implement change password workflow in DB: As a student, I want to be able to change my password preference

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Member** | **Priority** | **Estimate (Hours)** |
| Validate password | Saurav | high | 1hr |

# Epic 2 – Elective selection

## Story 1 - As a student, I need to choose my elective preferences.

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| --- | --- | --- | --- |
| **Task** | **Member** | **Priority** | **Estimate (Hours)** |
| Design an elective selection webpage | Tejaswi | High | 2hrs |
| Lists every elective on the webpage that are offered by accessing the course database | Tejaswi | medium | 1hrs |
| Add a number field alongside the elective name, for ordering the preference. | Tejaswi | medium | 2hrs |

## Story 2- As a student, I want an elective allocation agreement policy page

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| --- | --- | --- | --- |
| **Task** | **Member** | **Priority** | **Estimate (Hours)** |
| Create a button on the elective selection webpage and link it to the policy webpage | Santhosh | medium | 2hrs |
| Design an agreement policy webpage that states the agreement policy. | Santhosh | medium | 1hr |
| List out all the policies and terms for choosing elective preference in the policy webpage | Viswabharathi | medium | 1hr |
| Create a Button and a text alongside stating “I have read the terms and ready to proceed further”. | Santhosh | high | 10min |

# Epic 4- Teacher’s Access over the portal

## Story 1 - Teacher's homepage

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| --- | --- | --- | --- |
| **Task** | **Member** | **Priority** | **Estimate (Hours)** |
| Dashboard | Santhosh | High | 8hrs |
| Logout | Tejaswi | High | 1hr |

## Story 2 - Update workflow

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| --- | --- | --- | --- |
| **Task** | **Member** | **Priority** | **Estimate (Hours)** |
| Input fields for course details | Santhosh | high | 1hr |
| Input fields update by the teacher | Santhosh | high | 1hr |