### **Team -1**

### **Title: Secure My Seat**

### **User Story**

**Requirement:**

Implement Sign Up and Log In functionality.

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| Epic | User Story | Acceptance Criteria |
| As an Employee, I Want to be able to securely login to the website so that my information can only be accessed by me. | |  | | --- | | As a new **employee**, I **want** **to** register by creating a new employee Id and password **so** **that** the system can remember me and my data. | | Given that I am a new employee, when I go to the sign-up page and enter my company provided email, employee id, set password and click on sign up, then I can successfully get registered and able to log in with my chosen credentials |
| As a **registered employee**, **I want** to log in with my employee id and password **so that** the system can authenticate me and I can trust it. | 1. Given that I am a registered employee and logged out, if I go to the log in page and enter my employee id and password and click on Log in, then the data associated to my employee id should be accessible. 2. Given that I am a registered employee and logged out, if I go to the log in page and enter my employee id but an incorrect password and click on Log in, then log in fails with an error message that specifies that the employee id or password was wrong. |
| As an employee, I want to book a seat so that I can access the workspace. | As an employee, I want to book a seat on daily basis or on particular dates on the respective floors. | 1. Given that the employee books a seat on current or future dates then that seat can`t be used by other employees. 2. Given that the employee tries to book the seats on past dates then that seat can`t be booked. |
| As an employee, I want to regularize the attendance so that it reduces the time taken while regularizing it in people strong. | As an **employee**, **I** **want** to regularize the attendance automatically by taking into consideration of punch-in punch-out timings. | 1. Given that the employee verifies himself/herself in the reception, his/her punch in time gets recorded. 2. Given that the employee leaves the office premises, he/she must punch out in the reception and the time gets recorded. |
| As an **employee**, **I** **want** to regularize the attendance manually if I am working from home. | 1. Given that the employee wants to regularize the attendance, he/she can do so by selecting the dates and respective time. The request will be sent to the respective manager. |

**Requirement:**

Implement Responsibilities of Admin



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| Epic | User Story | Acceptance Criteria |
| As an Admin, I Want to be able to verify the code of employee so that employees can access the workspace. | As an **Admin, I want** to verify the code of the employees who booked the seats in the respective floors **so that** the employees can occupy their seats and start the work. | Given that I am an admin I can verify whether the employee is registered or not and if the scanning of the QR code is successful I can allow them to access the workspace. |
| As an Admin, I want to be able to arrange food according to the count of the employees who opted for food. | As an **Admin**, **I want** to get the count of employees who booked the seat and count of employees who are all opted for food. | Given that I am an admin I can view the total seats booked by the employees so that I can arrange food services accordingly. |
| As an **Admin**, **I want** to update the food menu on weekly basis so that the employees can decide to opt for food or not. | Given that I am an admin I can update the menu weekly, based on the catering service provider. |
| As an Admin, I want to generate the report of each employee so that the attendance can be tracked. | As an **Admin**, **I want** to generate the report of each employee based on the number of days employee come to office. | Given that I am an Admin I can view the weekly and monthly report of each employee with punch in and punch out timings. |

**Requirement**:

Implement Responsibilities of Manager

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| Epic | User Story | Acceptance Criteria |
| As a Manager, I want to approve the attendance of employees who work under me and book a seat. | As a **Manager**, **I want** to approve the attendance of the employees under me. | Given that I am a Manager, I can  approve the manually generated attendance request of the employees under me. |
| As a **Manager,** **I want** to book a seat so that I can use workspace for the selected shift timing. | Given that I am a Manager, I can book a seat from the manager dashboard. |

### **Functional Validations for Register**

1. Verify that cursor is focused on the “Empid” text box on the page load (register page)
2. Verify that tab functionality is working properly or not.
3. Verify that Enter/Tab key works as a substitute for the Sign-up button.
4. Verify that the Employee can Register with Valid Credentials
5. Verify that the Employee is not able to Register with Invalid Email id, Email Id should be in the format aaa.h@Valtech.com
6. Verify that the Employee is not able to register with an invalid phone number, phone number should start with 9,8,7,6 and it contain 10 digits.
7. Verify that the Employee is not able to register with a blank data.
8. Verify that the Employee is not able to register more than once with same Empid and Email Id.
9. Verify that the Employee credentials, mainly password stores in a database in an encrypted format.
10. Verify that validation message is displayed in the case when Employee leaves Empid or Password or any other fields as blank.
11. Verify that validation message is displayed in case of exceeding the character limit of the Empid and Password fields.
12. Verify that validation message is displayed in case of entering special character in the Empid and password fields.
13. Verify that the after successful registration it is redirected to login/home page.
14. Verify that the Employee is redirected to the Forgot password page when clicking on the Forgot Password link.
15. Verify that the Employee is getting blank fields after clicking on reset button.
16. Verify that spaces should not be allowed before any password characters and in between Email id attempted.

### **Security Test Cases for Register Page**

1. Verify that the password is in encrypted form (masked format) when entered in the password field.
2. Verify the password can`t be copy-pasted. System should not allow Employee to copy paste password.
3. Verify that encrypted characters in the “Password” field should not allow deciphering if copied.
4. Verify whether the registration form is revealing any security information by viewing the page source.

### **Performance Test Cases for Register Page**

1. Verify that how much time the application is taking to load the login page after registering with the valid Empid and password in the Register page.

### **Functional Validations for Login**

1. Verify that cursor is focused on the “Empid” text box on the page load (login page)
2. Verify that tab functionality is working properly or not.
3. Verify that Enter/Tab key works as a substitute for the Sign-in button.
4. Verify that the Employee can Login with Valid Credentials
5. Verify that the Employee is not able to Login with an invalid Empid and invalid Password.
6. Verify that the Employee is not able to Login with a Valid Empid and invalid Password.
7. Verify that the Employee is not able to log in with an invalid Empid and Valid Password
8. Verify that the Employee is not able to log in with a blank Empid or Password
9. Verify that the Employee is not able to Login with inactive credentials.
10. Verify that clicking on the browser back button after successful login should not take the Employee to log out mode.
11. Verify that validation message is displayed in the case when Employee leaves Empid or Password as blank.
12. Verify that validation message is displayed in case of exceeding the character limit of the Empid and Password fields.
13. Verify that validation message is displayed in case of entering special character in the Empid and password fields.
14. Verify that the timeout of the login session (Session Timeout)
15. Verify that the logout link is redirected to login/home page.
16. Verify that Employee is redirected to appropriate page after successful login.
17. Verify that the Employee is redirected to the Forgot password page when clicking on the Forgot Password link.
18. Verify that the Employee is redirected to the Create an account page when clicking on the Signup / Create an account link.
19. Verify that spaces should not be allowed before any password characters attempted.
20. Verify that when the employee clicks on forgot password button it should be redirected to reset password page.

### **Security Test Cases for Login Page**

1. Verify that clicking on the browser back button after successful logout should not take the Employee to a logged-in mode.
2. Verify that there is a limit on the total number of unsuccessful login attempts (No. of invalid attempts should be based on business logic. Based on the business logic, User will be asked to enter the captcha and try again, or Employee will be blocked)
3. Verify that the password is in encrypted form (masked format) when entered in the password field.
4. Verify that clicking on the browser back button after successful logout should not take the Employee to a logged-in mode.
5. Verify that there is a limit on the total number of unsuccessful login attempts (No. of invalid attempts should be based on business logic. Based on the business logic, User will be asked to enter the captcha and try again, or Employee will be blocked)
6. Verify that the password is in encrypted form (masked format) when entered in the password field.
7. Verify the password can`t be copy-pasted. System should not allow Employee to copy paste password.
8. Verify that encrypted characters in the “Password” field should not allow deciphering if copied.
9. Verify whether the login form is revealing any security information by viewing the page source.

### **Performance Test Cases for Login Page**

1. Verify that how much time the application is taking to load the home page after entering the valid Empid and password in the login page.

### **Functional Validations for Reset Password**

1. Verify that cursor is focused on the “Email id” text box on the page load (reset password page)
2. Verify that the Employee is entering Valid Email id.
3. Verify that the Employee is getting OTP to his/her Email id after clicking ‘Generate OTP’ button.
4. Verify that the Employee is allowed to reset password only after the entered OTP is matched with Generated OTP.
5. Verify that validation message is displayed in the case when Employee leaves Password or Confirm Password fields as blank.
6. Verify that the after resetting password Successfully it is redirected to login page.

### **Security Test Cases for Reset Password Page**

1. Verify that the password is in encrypted form (masked format) when entered in the password field.
2. Verify the password can`t be copy-pasted. System should not allow Employee to copy paste password.
3. Verify that encrypted characters in the “Password” field should not allow deciphering if copied.
4. Verify whether the registration form is revealing any security information by viewing the page source.

### **Performance Test Cases for Reset Password Page**

1. Verify that how much time the application is taking to load the login page after reset the password in the Reset Password page.

### **Functional Validations for Booking Seats Page**

1. Verify that Enter/Tab key works as a substitute for the booking seat button.
2. Verify that only logged in employees can book their seats.
3. Verify that the Employee can book the seats with Valid Credentials (valid date and time).
4. Verify that the Employee is not able to enter the past date and time.
5. Verify that the Employee is not able to book a seat with a blank data for necessary fields.
6. Verify that seats available floors are selected and not the ones which are booked.
7. Verify that validation message is displayed in case of selecting past dates.
8. Verify that validation message is displayed in case of booking the seats for more than a week.
9. Verify that duration between punch in and punch out time are minimum 9 hours.
10. Verify that the booked seat is blocked, and it is not available for the other employees to book the same seats.
11. Verify that unique code is generated when the seat is booked which is concatenated with the employee id.
12. Verify the employee id concatenated with the unique code is of the particular registered employee.

### **Security Test Cases for Booking Seats Page**

1. Verify the unique code can`t be copy-pasted. System should not allow Employee to copy paste unique code.
2. Verify whether the seat booking form is revealing any security information by viewing the page source.

### **Performance Test Cases for Booking Seats Page**

1. Verify that how much time the application is taking to book the seat after entering the details in the seat booking page.

### **Functional Validations for Attendance regularization page**

1. Verify that Enter/Tab key works as a substitute for the regularize button.
2. Verify that only the employees who work from home can manually regularize the attendance.
3. Verify that for the employees who work from office, there attendance is automatically updated by considering their punch in and punch out time.
4. Verify that the Employees can regularize their attendance for only the current month.
5. Verify that duration between shift start and shift end time are minimum 9 hours.
6. Verify the end date should be after the start date.

### **Performance Test Cases for Attendance regularization page**

1. Verify that how much time the application is taking to regularize the attendance after entering the details in the regularization page.