**User Stories with acceptance tests**

**A) Login page**

Story: As a volunteer or Student, I want to log into my personal account, so that I can access all other pages.

RULE: Allow login only when input matches exactly with stored data

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| A01 | User “[name@email.com](mailto:name@email.com)” stored password =  StrongPassword123 | User “[name@email.com](mailto:name@email.com)” input password =  StrongPassword123 | Display: “Login successful”  AND  Redirect user to his/her dashboard page |
| A02 | User “[name@email.com](mailto:name@email.com)” stored password =  StrongPassword123 | User “[name@email.com](mailto:name@email.com)” input password =  Password123 | Display: “Incorrect password”  AND  User **remains** on the login page |

Story: As a volunteer or Student, I want to recover my forgotten password, so that I can login with the recovered password.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| A03 | Users has an existing account | User attempts to recover password | Display: “Reset link sent to your Email address”  AND  Send the user a password reset link to his email address |
| A04 | User does not have an existing account | User attempts to recover password | Display: “Account not found; you will be redirected to account creation”  AND  **Redirect** user to the account creation page |

Story: As a volunteer or Student, I want to create a new account, so that I can access all other pages of this new account.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| A05 | User does not have an existing account | User provides all required information for account creation | Create a new account for the user  AND  Redirect user to the login page |

**B) Dashboard page**

Story: As a volunteer or Student, I want to view a summary of all recent and important information from the chat, calendar and task manager, so that I can quickly decide which page requires my attention first.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| B01 | User accesses his dashboard page | User received new unread messages | Display a counter of the number of unread messages |
| B02 | User accesses his dashboard page | Events are present in the user’s calendar | Display a To-Do list of all upcoming events in order of closest first |
| B03 | User accesses his dashboard page | Tasks are present in the user’s Task manager | Display a To-Do list of all tasks that have not yet been marked as done |

**C) Chat interface**

Story: As a volunteer or Student, I want to send messages, so that my assigned volunteer or student can receive my messages.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| C01 | Chat is authorized between the volunteer and the student | The volunteer or the student sends a message | The message is displayed on the chat history of both users with a time stamp and the profile picture of the sender next to the message |
| C02 | User sent a message | Correspondent has not yet read the message | Display a grey icon of an eye next to the said message |
| C03 | User sent a message | Correspondent has read the message | The icon of an eye now turns GREEN to confirm that the message was read |

Story: As a volunteer or Student, I want to add a new contact, so that I can communicate with this contact.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| C04 | List of contacts:  Contact-10  Contact-11  Contact-12 | User adds contact:  Contact-13 | Display: “New contact successfully saved”  AND  Add said contact to the user’s database |
| C05 | List of contacts:  Contact-10  Contact-11  Contact-12 | User adds contact:  Contact-10 | Display: “You already have this contact”  AND  Redirect the user to the chat interface |

Story: As a volunteer or Student, I want to delete existing contacts, so that I can clean up my chat interface from irrelevant contacts

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| C06 | List of contacts:  Contact-10  Contact-11  Contact-12 | User deletes contact:  Contact-10 | Display: “Contact successfully removed”  AND  Delete the said contact from the user’s database |

**D) Calendar page**

Story: As a volunteer or Student, I want to view all existing event/appointments on a classic calendar interface, so that I can quickly and easily see which events/appointments are on which day of the month.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| D01 | User accesses his calendar page | User has no existing events/appointments in his database | Display an empty calendar interface |
| D02 | User accesses his calendar page | User has events/appointments present in his database | Display all events/appointments on their corresponding date of the calendar interface |

**E) Task Management page**

Story: As a volunteer or Student, I want to view all my existing tasks, so that I can quickly and easily have an overview of what is left to be done.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| E01 | User accesses his task manager | No tasks are present in the user’s database | Do not display the task list |
| E02 | User accesses his task manager | Tasks are present in the user’s database | Display a list if all tasks |

Story: As a volunteer or Student, I want to create, edit or delete tasks, so that I can manage the tasks properly.

RULES: Student can create tasks only for himself.  
 Volunteer can create tasks himself and for an assigned student.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | GIVEN | WHEN | THEN |
| E03 | User wants to create a task himself | User is a volunteer or a student | Task creation is allowed  AND  add the new task to the task manager |
| E04 | User wants to create a task for another user | User is a volunteer | Task creation is allowed  AND  add the new task to the student’s task manager |
| E05 | User wants to create a task for another user | User is a student | Task creation is declined |