TEST CASES

| **Test case no.** | **Test case** | **Expected outcome** | **Actual outcome** | **Remarks** |
| --- | --- | --- | --- | --- |
| 1. | **Student registration**  First name: Aaditya  Middle name: Sheelkumar  Last name: Pal  Control id: 1111111111  Phone: 9999888877  Email: an active and valid email id | Not a current student of Vaze college. | - | - |
| 2. | **Student registration**  First name: Aaditya  Middle name: Sheelkumar  Last name: Pal  Control id: 2021080314  Phone: 9999888877  Email: abc@hh.com | Please enter a valid email address |  |  |
| 3 | **Student registration**  First name: Aaditya  Middle name: Sheelkumar  Last name: Pal  Control id: 2021080314  Phone: 9999888877  Email: iconicronaldo0@gmail.com. | Student with this email is already registered. |  |  |
| **4** | **Student registration**  First name: Aaditya  Middle name: Sheelkumar  Last name: Pal  Control id: 2021080314  Phone: 9999888877  Email: chocolateassignment68@gmail.com | Student with this Control ID is already registered. |  |  |
| **5** | **Student registration**  First name: Aaditya  Middle name: Sheelkumar  Last name: Pal  Control id: 2021080314  Phone: 9999888877  Email: chocolateassignment68@gmail.com | Proceed to Enter OTP page. |  |  |
|  | **Faculty registration**  First name: Rakhee  Middle name:  Last name: Rane  Phone: 9999888877  Email: iconicronaldo0@gmail.com | Please enter the email provided by the college. | - | - |
| **6** | **Faculty registration**  First name: Rakhee  Middle name:  Last name: Rane  Phone: 9999888877  Email: [rakheerane@vazecollege.net](mailto:rakheerane@vazecollege.net) | Proceed to enter OTP page. | - | - |
| **7** | **Faculty registration**  First name: Rakhee  Middle name:  Last name: Rane  Phone: 9999888877  Email: [rakheerane@vazecollege.net](mailto:rakheerane@vazecollege.net) (already registered email) | Faculty with this email is already registered. |  |  |
| **8** | **Faculty registration**  First name: Rakhee  Middle name:  Last name: Rane  Phone: 9999888877  Email: rakheerane@vazecollege.net | Please enter a valid email address |  |  |
| **9** | **Enter OTP Page**  OTP: an OTP less than 6 digits | Please enter a valid OTP |  |  |
| **10** | **Enter OTP Page**  OTP: an incorrect OTP | Please enter a valid OTP |  |  |
| **11** | **Enter OTP Page**  OTP: a correct OTP | Go to Set/Reset Password page |  |  |
| **12** | **Set/Reset Password Page**  Password: 1234  Confirm Password: | Password should be minimum of 8 characters in length, should at least contain one uppercase, one lowercase and one digit. |  |  |
| **13** | **Set/Reset Password Page**  Password:  AAAAAAAA **OR**  111111111 **OR**  aaaaaaaa  Confirm Password: | Password should be minimum of 8 characters in length, should at least contain one uppercase, one lowercase and one digit. |  |  |
| **14** | **Set/Reset Password Page**  Password: Aa1234567  Confirm Password: 1234567Aa | The passwords don’t match. |  |  |
| **15** | **Set/Reset Password Page**  Password: Aa1234567  Confirm Password: Aa1234567 | Continue to Registration/Resetting password. |  |  |
| 16 | **Student/Faculty Login**  Email: example@example.com  Password: Aa1234567 | This user is not registered | - | - |
| 17 | **Student/Faculty Login**  Email: [rakheerane@vazecollege.net](mailto:rakheerane@vazecollege.net)  Password: incorrect password | Wrong password. Please check your password. | - | - |
| 18 | **Student/Faculty Login**  Email: registered email  Password:correct password | Login successful |  |  |
| 19 | **Forgot password**  Email: unregistered email | Couldn’t find anyone with the provided email. |  |  |
| 20 | **Forgot password**  Email: registered email  OTP: any random OTP | Please enter a valid OTP |  |  |
| 21 | **Forgot password**  Email: registered email  OTP: received OTP in mail | To **Set/Reset Password page** | - | - |
| 22 | **View Items**  If no items are reported | No items yet |  |  |
| 23 | **View Items**  If items are reported | Display the items. The items should lazy load meaning that it should load only 50 items at a time |  |  |
| 24 | **Search Items**  Search Query: Characters that are present in some reported item’s name | Display the items that contain the search query’s character.  If no items are present then display “No results found” |  |  |
| 25 | **Sort Items**  The options to sort are. Selecting one at a time:-   * “Newest” * “Oldest” * “A-Z” * “Z-A” | * If “Newest” is selected then the items should be arranged in descending order of their lost/found date. * If “Oldest” is selected then items should be arranged in ascending order of their lost/found date. * If “A-Z” is selected then the items should be displayed in the alphabetical order * If “Z-A” is selected then the items should be displayed in the reverse alphabetical order. |  |  |
| 26 | **Filter items according to Category**  Options include:   * Electronics * Clothing * Jewelry * Stationary * Riding gear * Other | The items are displayed based on the selected filter option |  |  |
| 27 | **Filter items according to Date Posted**  A date range is selected. The max date range is a gap of 31 days, considering one of the days is the current date | The items reported between the selected date range are displayed. |  |  |
| 28 | **Report Item**  (Current date is 1/12/23)  Images: img1.png, img2.png.img3.jpeg  Name: Blue bottle  Description: Milton blue bottle  Date lost: 20/10/2023  Time: 9:00 AM  Location: Canteen  Category: Any option from drop down  Radio button selected: I lost it  Security QA1: What is the color?  Answer: Blue  Security QA2: Which brand?  Answer: Milton  Security QA3: What is the color of the cap?  Answer: Red | Please enter a valid date |  |  |
| 29 | **Report Item**  (Current date is 1/12/23)  Images: img1.png, img2.png.img3.jpeg  Name: Blue bottle  Description: Milton blue bottle  Date lost: 30/11/23  Time: 1:00 AM  Location: Canteen  Category: Any option from drop down  Radio button selected: I lost it  Security QA1: What is the color?  Answer: Blue  Security QA2: Which brand?  Answer: Milton  Security QA3: What is the color of the cap?  Answer: Red | Please enter a valid time |  |  |
| 30 | **Report Item**  Images: img1.png, img2.png.img3.jpeg  Name: Blue bottle  Description: Milton blue bottle  Date lost: 30/11/23  Time: 10:00AM  Location: Canteen  Category: Any option from drop down  Radio button selected: I lost it  Security QA1: What is the color?  Answer: Blue  Security QA2: Which brand?  Answer: Milton  Security QA3: What is the color of the cap?  Answer: Red | Item reported successfully | - | - |
| 31 | **Report Item**  Images: img1.png, img2.png.img3.jpeg  Name: null  Description: Milton blue bottle  Date lost: null  Time: 11:00:00 am  Location:null  Category: Stationary  Radio button selected:null  Security QA1: What is the color?  Answer: Blue  Security QA2: Which brand?  Answer: Milton  Security QA3: What is the color of the cap?  Answer: Red | Please enter all the required details. | - | - |
| 32 | **Edit Profile**  Email: iconicronaldo0@gmail.com  Phone:9999988888  For logged profile, the control\_faculty\_id or admin\_id is not editable. Similarly the firstname, middlename and last name are not editable | To **Enter OTP page** | - | - |
| 33 | **Edit Profile**  Email: abc12@gmail.com  Phone:9999988888  For logged profile, the control\_faculty\_id or admin\_id is not editable. Similarly the firstname, middlename and last name are not editable | Please enter a valid email address. | - | - |
| 33 | **Edit Item details**  Same as report items | Same as report items | - | - |
| 34 | **Update progress of items**  When the ‘update progress’ button is clicked then options to select the current progress is shown.  Options include:   * Found * With lost and found | The status is updated accordingly |  |  |
| 35 | **Delete Items**  The selected items need to be deleted | Items deleted successfully |  |  |
| 36 | **Delete Items**  The selected items need to be deleted | Items deleted unsuccessful |  |  |
| 37 | **Item matching**  When two items, with one reported as ‘lost’ and the other one reported as ‘found’ are found with matching details | A notification regarding the match is sent to the concerned users. |  |  |
| 38 | **Security Questions verification**  (Assumption: For the blue milton bottle)  SQA1: What is the color?  Ans: Blue  SQA2: Which brand?  Ans: Milton  SQA3: What is the color of the cap?  Ans: White (Incorrect answer) | Verification failed |  |  |
| 39 | **Security Questions verification**  SQA1: What is the color?  Ans: Blue  SQA2: Which brand?  Ans: Milton  SQA3: What is the color of the cap?  Ans: Red (Correct answer) | Verification successful.  Redirect to **Messaging Page** |  |  |
| 40 | **Delete items(by admin)**  The items to be deleted are selected | Items deleted successfully |  |  |
| 41 | **Delete items(by admin)**  The items to be deleted are selected | Items deleted unsuccessful |  |  |
| 42 | **Search FAQs**  Search Query: ogin | Display the FAQs that contain the search query’s character.  If no items are present then display “No results found” |  |  |
| 43 | **Add FAQ**  Question: I am unable to login.  Answer: Please crosscheck your details thoroughly. | FAQ added successfully | - | - |
| 44 | **Add FAQ**  Question: I am unable to register.  Answer: null | Please enter all the required fields | - | - |
| 45 | **Edit FAQ**  Question: null.  Answer: Please crosscheck your details thoroughly. | Please enter all the required fields. | - | - |
| 46 | **Edit FAQ**  Question: I can’t login.  Answer: Please crosscheck your details thoroughly. Also, you must be a student who is currently studying in the college. | Updated FAQ successfully. | - | - |
| 47 | **Delete FAQs**  FAQs to be deleted are selected | FAQs deleted successfully. |  |  |
| 48 | **Delete FAQs**  FAQs to be deleted are selected | FAQs deleted unsuccessful. |  |  |
| 49 | **Search Categories**  Search Query: ele | Display the Categories that contain the search query’s character.  If no items are present then display “No results found” |  |  |
| 50 | **Add Category**  Category name: Backpacks and bags | Category added successfully |  |  |
| 51 | **Edit Category details**  (assumption-Editing backpacks and bags category)  Category name: All Bags | Category details updated successfully |  |  |
| 52 | **Delete Category**  Select and delete the categories | The categories and the items in the category are deleted. |  |  |
| 53 | **Search Users**  **//TODO: Filter and sort users**  Search Query: aditya | Display the users that contain the search query’s character.  If no items are present then display “No results found” |  |  |
| 54 | **Add User**  (only admin can add another admin)  Fullname:- ABC Nikam  User type:-admin  Password:- Aa1234567  Email:- abcnikam@gmail.com  Phone:- 9999888877 | User added successfully |  |  |
| 55 | **Add User**  (only admin can add another admin)  Fullname:- null  User type:-admin  Password:- Aa1234567  Email:- abcnikam@gmail.com  Phone:- 9999888877 | Please enter all the required details |  |  |
| 56 | **Add User**  (only admin can add another admin)  Fullname:- ABC Nikam  User type:-admin  Password:- Aa1234567  Email:- abc12@hh.com  Phone:- 9999888877 | Please enter a valid email address |  |  |
| 57 | **Add User**  (only admin can add another admin)  Fullname:- ABC Nikam  User type:-admin  Password:- 1234567  Email:- abc12@hh.com  Phone:- 9999888877 | Please enter a valid password |  |  |
| 58 | **Delete Users**  The users to be deleted are selected | Users deleted successfully. Email is sent to the users whose accounts were deleted. |  |  |
| 59 | **Suspend Users**  The users are suspended | Users suspended successfully. An email and notification regarding the same is sent to the concerned users. |  |  |
| 60 | **Unsuspend Users**  The users are unsuspended | Users suspended successfully. An email and notification regarding the same is sent to the concerned users. |  |  |
| 61 | **Disabling features access to suspended user** | When a user is suspended, he/she is only able to view the reported items. Other features like editing profile, adding new items ,etc are restricted. |  |  |
| 62 | **Delete items automatically after 30 days**  When an item has been reported for more than 30 days it needs to be deleted automatically | The items are deleted automatically |  |  |
| 63 | **Notifications test**  Notification is sent when:-   * Sent to admin when a new item is reported. * Sent to concerned users when a match is found. * Sent when a message arrives | The notification with the content is sent to the user. |  |  |
| 64 | **Email test**  iconicronaldo0@gmail.com | Send the email |  |  |
| 65 | **Email test**  abc12@hh.com | Please enter a valid email address |  |  |