**Chapter 6**

**Testing**

* **Functional Testing Test cases :-**
* **Test cases of Admin side:-**

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| **Serial No.** | **Description** | **Test data** | **Expected data** | **Actual data** |
| 1 | Admin login, Verify if a user will be able to login with valid username and valid password. | Username:-  admin  Password:-  \*\*\*\*\*\*\*\*\* | Login successful & Home page displayed with Success toast message,  Welcome to admin panel | Login successful & Home page displayed with Success toast message,  Welcome to admin panel |
| 2 | Admin login,  Verify the login page for both when the field is blank and Login button is clicked. | Username :-  **BLANK**  Password:-  **BLANK** | Error Toast message display, Please enter your username and password | Error Toast message display, Please enter your username and password |
| 3 | Admin login,  Verify the message for invalid username. | Username:-  imAdmin  Password:-  \*\*\*\*\*\* | Error Toast message display, Invalid username | Error Toast message display, Invalid username |
| 4 | Admin login,  Verify the message for invalid password. | Username:-  admin  Password:-  admin | Error Toast message display, Invalid password | Error Toast message display, Invalid password |
| 5 | Admin forget password,  If admin click on the forget password, and admin enters valid email. | Email:  admin@gmail.com | Showing spinner with message ‘sending email to <username>’ and Success Toast with message ‘OTP send to <particular username’s email>’ | Showing spinner with message ‘sending email to <username>’ and Success Toast with message ‘OTP send to <particular username’s email>’ |
| 6 | Admin forget password,  If admin enter correct OTP | Click on Verify Button | Open up reset password modal | Open up reset password modal |
| 7 | Admin forget password,  If admin enter incorrect OTP | Click on Verify Button | Error Toast with message , Invalid OTP | Error Toast with message , Invalid OTP |
| 8 | Admin reset password,  If Admin enter same password and confirm password | Password:  dfghcvbnm@44  Confirm Password:  dfghcvbnm@44 | Closes the reset password modal and Success Toast with message ‘Password Updated Successfully’ | Closes the reset password modal and Success Toast with message ‘Password Updated Successfully’ |
| 9 | Admin reset password,  If Admin enter different password and confirm password | Password:  dfghcvbnm@4  Confirm Password:  dfghcvbnm@44 | Error Toast with message ‘Confirm password doesn’t match password | Error Toast with message ‘Confirm password doesn’t match password |
| 10 | Admin verify OTP page.  Click on already account page | Clicking on  **Already have an account hyperlink?** | User is redirected to the login form | User is redirected to the login form |
| 11 | Admin login, enters correct username and password | Click on sign in button with correct credentials | Shows verifying loading animation redirect to home screen with success message. | Shows verifying loading animation redirect to home screen with success message. |
| 12 | Admin home page, click on profile button in navbar | Click on button with profile icon | Redirected to profile page | Redirected to profile page |
| 13 | Admin profile page, admin click on edit profile page | Click on edit profile page | A pop up modal shows up with field included name, username, email, mobile number and date of birth | A pop up modal shows up with field included name, username, email, mobile number and date of birth |
| 14 | Admin Profile page, admin click on update profile without modifying any fields | Click on update profile page | Success toast is shows up with message ,Profile updated successfully | Success toast is shows up with message ,Profile updated successfully |
| 15 | Admin profile page, if admin click on update profile page with name field empty | Click on update profile page with empty name field | Error toast come with message,  Please enter all the required fields | Error toast come with message,  Please enter all the required fields |
| 16 | Admin profile page, if admin click on update profile page with username field empty | Click on update profile page with empty username field | Error toast come with message,  Please enter all the required fields | Error toast come with message,  Please enter all the required fields |
| 17 | Admin profile page, if admin click on update profile page with email field empty | Click on update profile page with empty email field | Error toast come with message,  Please enter all the required fields | Error toast come with message,  Please enter all the required fields |
| 18 | Admin profile page, if admin click on update profile page with email with invalid format | Click on update profile page with invalid email format | Field shows that enter the valid email address. | Field shows that enter the valid email address. |
| 19 | Admin profile page, if admin click on update date | Click on update profile with new date | Update the profile with new credentials | Update the profile with new credentials |
| 20 | Admin profile page, if admin changes username and click on update profile | Username:  admin\_new | Success toast with message profile updated successfully | Success toast with message profile updated successfully |
| 21 | Admin profile page, if admin changes name and click on update profile | name:  Admin Varachha | Success toast with message profile updated successfully | Success toast with message profile updated successfully |
| 22 | Admin profile page, if admin changes email with valid format and click on update profile | email:  eTicketAdmin22@gmail.com | Success toast with message profile updated successfully | Success toast with message profile updated successfully |
| 23 | Admin profile page, if admin changes mobile number without valid length and click on update profile button | Mobile number:  55677884 | Error toast with message, The length of mobile number must be equal to 10 | Error toast with message, The length of mobile number must be equal to 10 |
| 24 | Admin profile update modal if admin enter all the correct details and click on update button but authToken is not found in browser’s session Storage | Name:  Admin new  Username  New\_admin  Email  [newAdmin@gmail.com](mailto:newAdmin@gmail.com)  mobile number  7778887156  DOB  1/10/2004 | Success Toast with message , profile updated successfully | Error toast with message, Failed to authenticate user, please login again |
| 25 | Admin profile page, if admin click on upload button and upload an image with invalid format | Image:  Profile1.mp3 | Error toast with message, Please enter an image with valid format | Error toast with message, Please enter an image with valid format |
| 26 | Admin profile page, if admin click on upload button and upload an image with valid format | Image:  Profile1.jpg | Success toast with message, Profile updated successfully | Success toast with message, Profile updated successfully |
| 27 | Admin page, admin click on conductor service card | Click on conductor service card | Redirected to Manage conductor page and show all conductor data in tabular format | Redirected to Manage conductor page and show all conductor data in tabular format |
| 28 | Admin page, admin click on conductor service card but authToken was not found in browser’s sessionStorage | Click on conductor service card | Redirected to Manage conductor page and show all conductor data in tabular format | Error toast with message , Failed to authenticate user, please login again |
| 29 | Admin conductor service page, admin click on add conductor button | Click on add conductor button | A modal with form fields pop up | A modal with form fields pop up |
| 30 | Admin conductor service page, admin click on create conductor button on modal without entering any fields | Click on create conductor button | Error toast with message, please enter all the required fields. | Error toast with message, please enter all the required fields. |
| 31 | Admin conductor service page, admin click on create conductor button without entering name | Password  \*\*\*\*  Username  Conductor12  Email  [Conductor12@gmail.com](mailto:Conductor12@gmail.com)  DOB  1/12/1992 | Error toast with message, please enter all the required fields. | Error toast with message, please enter all the required fields. |
| 32 | Admin conductor service page, admin click on create conductor button without entering username | Password  \*\*\*\*  name  Conductor 12  Email  [Conductor12@gmail.com](mailto:Conductor12@gmail.com)  DOB  1/12/1992 | Error toast with message, please enter all the required fields. | Error toast with message, please enter all the required fields. |
| 33 | Admin conductor service page, admin click on create conductor button without entering email | Password  \*\*\*\*  Username  Conductor12  Name  Conductor 12  DOB  1/12/1992 | Error toast with message, please enter all the required fields. | Error toast with message, please enter all the required fields. |
| 34 | Admin conductor service page, admin click on create conductor button without entering dob | Password  \*\*\*\*  Username  Conductor12  Email  [Conductor12@gmail.com](mailto:Conductor12@gmail.com)  Name  Conductor 12 | Error toast with message, please enter all the required fields. | Error toast with message, please enter all the required fields. |
| 35 | Admin conductor service page, admin click on create conductor button without entering password | Name  Conductor 12  Username  Conductor12  Email  [Conductor12@gmail.com](mailto:Conductor12@gmail.com)  DOB  1/12/1992 | Error toast with message, please enter all the required fields. | Error toast with message, please enter all the required fields. |
| 36 | Admin conductor service page, admin click on create conductor button with all the required fields | Name  Conductor 12  Username  Conductor12  Email  [Conductor12@gmail.com](mailto:Conductor12@gmail.com)  DOB  1/12/1992  Password  \*\*\*\*\*\*\*\*\*\*\* | Success toast with message ,  Successfully created a new conductor | Success toast with message ,  Successfully created a new conductor |
| 37 | Admin conductor service page, admin click on create conductor button with all the required fields in modal , but due to some reason authToken is not found in browser’s sessionStorage | Name  Conductor 12  Username  Conductor12  Email  [Conductor12@gmail.com](mailto:Conductor12@gmail.com)  DOB  1/12/1992  Password  \*\*\*\*\*\*\*\*\*\*\* | Success toast with message ,  Successfully created a new conductor | Error toast with message, Authentication did not happen |
| 38 | Admin conductor service page, admin click on edit conductor button. | Click on edit conductor button corresponds to particular table row | Open the modal with all the information about conductor in fields and rights to edit them | Open the modal with all the information about conductor in fields and rights to edit them |
| 39 | Admin conductor service page edit conductor modal. Admin click on edit conductor without modifying any fields | Click on edit conductor fields with all existing data on textfields  Name:  Conductor1  Username:  Conductor\_1  Email:  [Conductor1@gmail.com](mailto:Conductor1@gmail.com) | Success toast with message , conductor edited successfully | Success toast with message , conductor edited successfully |
| 40 | Admin conductor service page edit conductor modal. Admin click on edit conductor without entering name | Username:  Conductor\_1  Email:  [Conductor1@gmail.com](mailto:Conductor1@gmail.com) | Error Toast with message, Please enter all the required fields | Error Toast with message, Please enter all the required fields |
| 41 | Admin conductor service page edit conductor modal. Admin click on edit conductor without entering username | name:  Conductor 1  Email:  [Conductor1@gmail.com](mailto:Conductor1@gmail.com) | Error Toast with message, Please enter all the required fields | Error Toast with message, Please enter all the required fields |
| 42 | Admin conductor service page edit conductor modal. Admin click on edit conductor without entering email | Name:  Conductor1  Username:  Conductor\_1 | Error Toast with message, Please enter all the required fields | Error Toast with message, Please enter all the required fields |
| 43 | Admin conductor service page edit conductor modal. Admin click on edit conductor with wrong username format | Name:  Conductor1  Username:  Conductor 1  Email:  [Conductor1@gmail.com](mailto:Conductor1@gmail.com) | Error toast with message, Please enter valid username format | Error toast with message, Please enter valid username format |
| 44 | Admin conductor service page edit conductor modal. Admin click on edit conductor with wrong email format | Name:  Conductor1  Username:  Conductor 1  Email:  [Conductor1@gmail](mailto:Conductor1@gmail.com) | Error toast with message, please enter the valid email format | Error toast with message, please enter the valid email format |
| 45 | Admin conductor service page edit conductor modal. Admin click on edit conductor with all the valid data | Name:  Conductor1  Username:  Conductor 1  Email:  Conductor1@gmail.com | Success toast with message, Conductor edited successfully | Success toast with message, Conductor edited successfully |
| 46 | Admin conductor service page edit conductor modal. Admin click on edit conductor with all the valid data but authToken is not found in browser’s sessionStorage | Name:  Conductor1  Username:  Conductor 1  Email:  Conductor1@gmail.com | Success toast with message, Conductor edited successfully | Error toast with message, authentication not happened |
| 47 | Admin home page, admin click on user service card | Click on user service card | Navigated to the manage user page | Navigated to the manage user page |
| 48 | Admin user service page, admin click on edit user button corresponds to the particular user | Click on edit user button corresponds to the particular user | Open up an edit user modal with various form fields filled with existing details of particular user | Open up an edit user modal with various form fields filled with existing details of particular user |
| 49 | Admin user service page edit user modal, admin click on edit user button without modifying any fields | Click on edit user button without modifying any fields | Success toast comes with message user edited successfully and edit user modal closes | Success toast comes with message user edited successfully and edit user modal closes |
| 50 | Admin user service page edit user modal, admin click on edit user button without modifying any fields and authtoken is not present in browser’s session storage | Click on edit user button without modifying any fields | Success toast comes with message user edited successfully and edit user modal closes | Error toast with message, Failed to authenticate user, please login again |
| 51 | Admin user service page edit user modal, admin click on edit user button, with modifying name field | Name:  User 2 | Success toast comes with message user edited successfully and edit user modal closes | Success toast comes with message user edited successfully and edit user modal closes |
| 52 | Admin user service page edit user modal, admin click on edit user button, with empty name field | Name:  “ “ | Error toast with message, please enter all the required fields | Error toast with message, please enter all the required fields |
| 52 | Admin user service page edit user modal, admin click on edit user button, with modifying unique user name | Username:  User\_2 | Success toast comes with message user edited successfully and edit user modal closes | Success toast comes with message user edited successfully and edit user modal closes |
| 53 | Admin user service page edit user modal, admin click on edit user button, with empty user name field | Username:  “ ” | Error toast with message, please enter all the required fields | Error toast with message, please enter all the required fields |
| 54 | Admin user service page edit user modal, admin click on edit user button, with modifying unique user name with invalid username format | Username:  User 2 | Error toast with message, please enter valid username | Error toast with message, please enter valid username |
| 55 | Admin user service page edit user modal, admin click on edit user button, with modifying existing user name | Username  User\_3 | Error toast with message, a user with this name already exist | Error toast with message, a user with this name already exist |
| 56 | Admin user service page edit conductor modal, admin click on edit user button, with modifying existing user name | Username  Conductor\_3 | Error toast with message, a user with this name already exist | Error toast with message, a user with this name already exist |
| 57 | Admin user service page edit user modal, admin click on edit user button, with modifying existing email | Email  modifiedUsernameEmail@gmail.com | Success toast comes with message user edited successfully and edit user modal closes | Success toast comes with message user edited successfully and edit user modal closes |
| 58 | Admin user service page edit user modal, admin click on edit user button, with empty email field | Email:  “ ” | Error toast with message, please enter all the required fields | Error toast with message, please enter all the required fields |
| 59 | Admin user service page edit user modal, admin click on edit user button, with invalid email format | Email:  user@gmail . com test @123 | Error toast with message, please enter valid email format | Error toast with message, please enter valid email format |
| 60 | Admin user service page edit user modal, admin click on edit user button, with modifying existing email | Email:  [aleradyExistedUserEmail@gmail.com](mailto:aleradyExistedUserEmail@gmail.com) | Error toast with message, The email is already registered | Error toast with message, The email is already registered |
| 61 | Admin user service page edit conductor modal, admin click on edit user button, with modifying existing email | Email:  [aleradyExistedConductorEmail@gmail.com](mailto:aleradyExistedConductorEmail@gmail.com) | Error toast with message, The email is already registered | Error toast with message, The email is already registered |
| 62 | Admin user service page edit user modal, admin click on edit user button, without modifying existing balance | Balance:  300 | Success toast comes with message user edited successfully and edit user modal closes | Success toast comes with message user edited successfully and edit user modal closes |
| 63 | Admin user service page edit user modal, admin click on edit user button, with modifying existing balance | Balance:  350 | Success toast comes with message user edited successfully and edit user modal closes | Success toast comes with message user edited successfully and edit user modal closes |
| 64 | Admin user service page edit user modal, admin click on edit user button, with empty balance field | Balance:  “ ” | System automatically consider 0 balance and updates the user balance to 0 and edit modal closes | System automatically consider 0 balance and updates the user balance to 0 and edit modal closes |
| 65 | Admin user service page edit user modal, admin click on edit user button by modifying fields and authtoken is not present is browser’s sessionStorage | Username:  New\_user  Name:  New user  Email:  [newUser@gmail.com](mailto:newUser@gmail.com)  balance:  120 | Success toast comes with message user edited successfully and edit user modal closes | Error toast with message, Failed to authenticate user, please login again |
| 66 | Admin user service page, admin click on delete user button corresponds to particular user | Click on delete button corresponds to the particular user | A confirmation modal open up with message, Are you sure you want to delete <username> | A confirmation modal open up with message, Are you sure you want to delete <username> |
| 67 | Admin user service page delete confirmation modal opens, admin click on disagree button | Admin click on disagree button | Confirmation modal closes | Confirmation modal closes |
| 68 | Admin user service page delete confirmation modal opens, admin click on agree button | Admin click on agree button | Success Toast with message, user deleted successfully | Success Toast with message, user deleted successfully |
| 69 | Admin conductor service page, admin click on delete conductor button corresponds to conductor | Click on delete button corresponds to the conductor | A confirmation modal opens up with message, are you sure you want to delete <username> | A confirmation modal opens up with message, are you sure you want to delete <username> |
| 70 | Admin conductor service page delete confirmation modal opens, admin click on disagree button | Admin click on disagree button | Confirmation modal closes | Confirmation modal closes |
| 71 | Admin conductor service page delete confirmation modal opens, admin click on agree button | Admin click on agree button | Success Toast with message, conductor deleted successfully | Success Toast with message, conductor deleted successfully |
| 73 | Admin user service page delete confirmation modal opens, admin click on agree button but authtoken is not available in browser’s sessionStorage | Admin click on agree button | Success Toast with message, user deleted successfully | Error toast with message, failed to authenticate user, please login again. |
| 74 | Admin conductor service page delete confirmation modal opens, admin click on agree button but authtoken is not available in browser’s sessionStorage | Admin click on agree button | Success Toast with message, conductor deleted successfully | Error toast with message, failed to authenticate user, please login again. |
| 75 | Admin home page, admin click on bus stops service card | Click on bus stops service card | Redirected to manage bus stops page and all bus stops data are fetched in table | Redirected to manage bus stops page and all bus stops data are fetched in table |
| 76 | Admin home page, admin click on bus stops service card but authtoken is not present in browser’s sessionStorage | Click on bus stops service card | Redirected to manage bus stops page and all bus stops data are fetched in table | Error toast with message, Failed to authenticate user, please login again  . |
| 77 | Admin bus stops manage page, admin click on add bus stop button | Admin clicks on add bus stop button | Add station modal pop ups with form fields | Add station modal pop ups with form fields |
| 78 | Admin bus stops manage page add station modal, admin clicks on add station button without adding any data | Admin click add station button inside add station modal | Error toast with message please enter all the required fields. | Error toast with message please enter all the required fields. |
| 79 | Admin bus stops manage page add station modal, admin clicks on add station button with adding all the valid fields | Station id:  4553  Station name:  Kapodara fire station  Latitude:  21.22063446  Longitude:  72.87518311 | Success toast with message, station added successfully, and all the forms fields is rosetted | Success toast with message, station added successfully, and all the forms fields is rosetted |
| 80 | Admin home page, admin click on invoice service card | Admin click on invoice service card | Admin is redirected to invoice service page and shows all the invoices in tabular format | Admin is redirected to invoice service page and shows all the invoices in tabular format |
| 81 | Admin home page, admin click on invoice service card, authtoken is not present in browser’s sessionStorate | Admin click on invoice service card | Admin is redirected to invoice service page and shows all the invoices in tabular format | Error toast with message, Failed to authenticate user, please login again |
| 82 | Admin home page, admin click on admin service card | Admin click on manage service card | Admin is redirected to admin service page | Admin is redirected to admin service page |
| 83 | Admin service page, admin click on add Admin button | Admin click on add admin button | A modal open up with various form fields | A modal open up with various form fields |
| 84 | Admin service page, admin click on create admin button without adding any fields | Username:””  Password:””  Name: “”  Email:””  Mobile number:””  DOB:”” | Error toast open up with message,  please enter all the required fields. | Error toast open up with message,  please enter all the required fields. |
| 85 | Admin service page, admin click on create admin button with any single empty field | Username:””  Password:””  Name: Admin  Email [admin@gmail.com](mailto:admin@gmail.com) | Error toast open up with message,  please enter all the required fields. | Error toast open up with message,  please enter all the required fields. |
| 86 | Admin service page, admin click on create admin button with invalid username format | Username:  Admin of varachha | Error toast open up with message,  please enter valid username. | Error toast open up with message,  please enter valid username. |
| 87 | Admin service page, admin click on create admin button with invalid email format | Email:  admin@gmail varachha | Error toast open up with message,  please enter valid email. | Error toast open up with message,  please enter valid email. |
| 88 | Admin service page, admin click on create admin button with mobile number length not equal to 10 | Mobile number:  383838383838 | Error toast with message, Please enter valid mobile number with length 10 | Error toast with message, Please enter valid mobile number with length 10 |
| 89 | Admin service page, admin create a new admin with existing username. | Username:  Admin | Error toast with message, A user with this username already exist | Error toast with message, A user with this username already exist |
| 90 | Admin service page, admin create a new admin with existing username. | Email:  [adminMain@gmail.com](mailto:adminMain@gmail.com) | Error toast with message, This email is already registered | Error toast with message, This email is already registered |
| 91 | Admin service page, admin create a new admin with all the valid fields followed by rules | Username: admin2  Password:  \*\*\*\*\*\*\*\*  Name:  Admin 2  Email:  [adminEmail@gmail.com](mailto:adminEmail@gmail.com)  mobile number:  884848284  DOB:  26-may-1992 | Success toast with message, successfully created a new admin and create admin modal closes | Success toast with message, successfully created a new admin and create admin modal closes |
| 92 | Admin service page, admin create a new admin with all the valid fields followed by rules , authtoken is not present in browser’s session storage | Username: admin2  Password:  \*\*\*\*\*\*\*\*  Name:  Admin 2  Email:  [adminEmail@gmail.com](mailto:adminEmail@gmail.com)  mobile number:  884848284  DOB:  26-may-1992 | Success toast with message, successfully created a new admin and create admin modal closes | Error toast with message, Failed to authenticate user, please login again |
| 93 | Admin service page, admin click on edit admin corresponds to particular admin. | Admin click on edit admin button corresponds to particular admin | update admin modal pop ups with all existing details in form fields | update admin modal pop ups with all existing details in form fields |
| 94 | Update admin modal, admin click on edit admin button without modifying any form fields | Admin click on edit admin button. | Success toast with message, admin edited successfully | Success toast with message, admin edited successfully |
| 95 | Edit admin modal, admin click on update admin button with invalid username format | Username:  Admin of varachha | Error toast open up with message,  please enter valid username. | Error toast open up with message,  please enter valid username. |
| 96 | Edit admin modal, admin click on updateadmin button with invalid email format | Email:  admin@gmail varachha | Error toast open up with message,  please enter valid email. | Error toast open up with message,  please enter valid email. |
| 97 | Update admin modal, admin click on update admin button with mobile number length not equal to 10 | Mobile number:  383838383838 | Error toast with message, Please enter valid mobile number with length 10 | Error toast with message, Please enter valid mobile number with length 10 |
| 98 | Admin service page, admin update admin with all the valid fields followed by rules , authtoken is not present in browser’s session storage | Username: admin2  Name:  Admin 2  Email:  [adminEmail@gmail.com](mailto:adminEmail@gmail.com)  mobile number:  884848284  DOB:  26-may-1992 | Success toast with message, successfully created a new admin and create admin modal closes | Error toast with message, Failed to authenticate user, please login again |
| 99 | Admin service page, admin click on delete user button corresponds to particular user | Click on delete button corresponds to the particular user | A confirmation modal open up with message, Are you sure you want to delete <username> | A confirmation modal open up with message, Are you sure you want to delete <username> |
| 100 | Admin service page delete confirmation modal opens, admin click on disagree button | Admin click on disagree button | Confirmation modal closes | Confirmation modal closes |
| 101 | Admin service page delete confirmation modal opens, admin click on agree button | Admin click on agree button | Success Toast with message, admin deleted successfully | Success Toast with message, admin deleted successfully |
| 102 | Admin service page delete confirmation modal opens, admin click on agree button but authtoken is not available in browser’s sessionStorage | Admin click on agree button | Success Toast with message, user deleted successfully | Error toast with message, failed to authenticate user, please login again. |
| 103 | Admin home page, admin click on feedback service card | Admin click on feedback service card | Admin is redirected to feedback service page, and all the feedbacks are shown in tabular format | Admin is redirected to feedback service page, and all the feedbacks are shown in tabular format |
| 104 | Feedback service page, admin click on reply button corresponds to particular feedback | Admin click on reply icon button. | A reply <username> modal pop ups with message textarea. | A modal pop ups with message textarea. |
| 105 | Admin click on send message with empty field | Message:  “” | Error toast with message, Please enter reply | Error toast with message, Please enter reply |
| 106 | Admin add reply and click on send message button | Message:  Thanks for your concern | Success toast with message, <message>… is send to <username> | Success toast with message, <message>… is send to <username> |
| 107 | Admin add reply and click on send message button , authtoken is not present in browser’s session storage | Message:  Thanks for your concern | Success toast with message, <message>… is send to <username> | Error toast with message, failed to authenticate user, please login again. |
| 108 | Admin add reply and click on dropdown and select pending menu | Admin select pending menu from sorting dropdown | All reply with pending status is shown in table | All reply with pending status is shown in table |
| 109 | Admin add reply and click on dropdown and select replied menu | Admin select replied menu from sorting dropdown | All reply with replied status is shown in table with replied message | All reply with replied status is shown in table with replied message |
| 110 | Admin add reply and click on dropdown and select ‘all’ menu | Admin select ‘all’ menu from sorting dropdown | All reply with all status is shown in table with replied message | All reply with all status is shown in table with replied message |
| 111 | Admin home page, admin click on broadcast service card | Admin click on broadcast service card | Admin is redirected to broadcast message page | Admin is redirected to broadcast message page |
| 112 | Broadcast service page, admin click on broadcast button without entering any broadcast message | Message:  “” | Error toast with message, please enter message | Error toast with message, please enter message |
| 113 | Broadcast service page, admin click on broadcast button with entering broadcast message, authtoken is not present in browser’s session | Message:  The special news from E-Ticket … | Success toast with message,  Message broadcasted to all the user | Error toast with message, failed to authenticate user, please login again. |
| 114 | Broadcast service page, admin click on broadcast button with entering broadcast message. | Message:  The special news from E-Ticket … | Success toast with message,  Message broadcasted to all the user | Success toast with message,  Message broadcasted to all the user |
| 115 | Admin click on statistics button on navbar | Admin is redirected to statistics page. | All the states related data is shown to the users in graphical format  (data like number of ticket generated, daily collections, and users count) | All the states related data is shown to the users in graphical format  (data like number of ticket generated, daily collections, and users count) |
| 116 | Admin click on statistics button on navbar, authtoken is not present in browser’s session storage | Admin is redirected to statistics page. | All the states related data is shown to the users in graphical format  (data like number of ticket generated, daily collections, and users count) | No data is shown to user and error toast with message, failed to authenticate user, please login again. |
| 117 | Conductor service page, admin upload an excel with valid format | File:  conductorList.xlxs | Success toast with message, conductor added successfully <username> | Success toast with message, conductor added successfully <username> |
| 118 | Conductor service page, admin upload an excel with invalid format | File:  conductorList.xlxs | Error toast with detailed message about error in which field at which row and about which element (eg invalid email or username format, or empty fields) | Error toast with detailed message about error in which field at which row and about which element (eg invalid email or username format, or empty fields) |
| 119 | Admin service page, admin upload an excel with valid format | File:  adminList.xlxs | Success toast with message, admins added successfully <username> | Success toast with message, admins added successfully <username> |
| 120 | Admin service page, admin upload an excel with invalid format | File:  adminList.xlxs | Error toast with detailed message about error in which field at which row and about which element (eg invalid email or username format, or empty fields) | Error toast with detailed message about error in which field at which row and about which element (eg invalid email or username format, or empty fields) |
| 121 | Bus stop service page, admin upload an excel with valid format | File:  stationsList.xlxs | Success toast with message, station added successfully <stationname> | Success toast with message, station added successfully <stationname> |
| 122 | Bus stop service page, admin upload an excel with invalid format | File:  stationsList.xlxs | Error toast with detailed message about error in which field at which row and about which element (eg invalid stationID or station name format, or empty fields) | Error toast with detailed message about error in which field at which row and about which element (eg invalid stationID or station name format, or empty fields) |
| 123 | Admin click on logout button which is present in every page bottom left corner | Admin click on logout button | Admin is redirected to the login page and all the browser cookies and session is cleared from cache and memory | Admin is redirected to the login page and all the browser cookies and session is cleared from cache and memory |

* **Test cases of User side:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | User home page, click on buy ticket modal. | Click on buy ticket modal | Buy ticket modal open up with current, destination, and number of ticket fields | Buy ticket modal open up with current, destination, and number of ticket fields |
|  | Buy ticket modal, user click on generate ticket button without selecting source and destination | Source:  “”  Destination:  “”  Number of tickets:1 | Error Snackbar with message,  Please select source and/or destination. | Error Snackbar with message,  Please select source and/or destination. |
|  | Buy ticket modal, user enter source or destination that does not exist on stations list. | source:  IT Department  Destination:  Mechanical department | Error Snackbar with message,  Please select source and/or destination. | Error Snackbar with message,  Please select source and/or destination. |
|  | Buy ticket modal, user select source and destination. | Source: Gandhy college  Destination: Kapodara fire station | On generate ticket button the fare updates depending on the source and destination | On generate ticket button the fare updates depending on the source and destination |
|  | Buy ticket modal, user select source and destination and click on generate ticket button with enough balance in user’s account | Source: Gandhy college  Destination: Kapodara fire station | Success Snackbar with message, ticket purchased successfully and user is redirected to active ticket page, and on home page latest ticket is shown | Success Snackbar with message, ticket purchased successfully and user is redirected to active ticket page and on home page latest ticket is shown |
|  | Buy ticket modal, user select source and destination and click on generate ticket button with not enough balance in user’s account | Source: Gandhy college  Destination: Kapodara fire station | Error Snackbar with message, Insufficient balance, please add recharge to your wallet. and user is redirected to active ticket page | Error Snackbar with message, Insufficient balance, please add recharge to your wallet. and user is redirected to active ticket page |
|  | Home page, user click on add recharge button | Click on add recharge button | A modal pop ups with qr code and pay using debit card button option | A modal pop ups with qr code and pay using debit card button option |
|  | Add recharge modal, user click on recharge using card button. | Click on recharge using card button | A modal pop up with amount text field and pay button | A modal pop up with amount text field and pay button |
|  | Add amount modal, user click on button without entering any amount | Amount:  “ ” | Error Snackbar with message, please enter amount | Error Snackbar with message, please enter amount |
|  | Add amount modal, user click on button enter amount which is not between 50-500 | Amount:  20 | Error Snackbar with message, Recharge amount should be between 50-500 | Error Snackbar with message, Recharge amount should be between 50-500 |
|  | Add amount modal, user click on button with entering valid amount | Amount:  50 | User is redirected to stripe checkout page and further validation is handled by stripe | User is redirected to stripe checkout page and further validation is handled by stripe |
|  | Stripe checkout page, user enter all the required fields and process payment steps, click on pay button with valid details and payment success. | Email:  [user@gmail.com](mailto:user@gmail.com)  card number:  8378 4848 8584 8584  Card expire time:  12/29  CVV:  748  Name on card:  User 249  Country or region:  India | Stripe validates all the card related details and further process payment and then redirected to the home page and success Snackbar appears with message, Recharged of <entered amount> is successfully debited to your account. | Stripe validates all the card related details and further process payment and then redirected to the home page and success Snackbar appears with message, Recharged of <entered amount> is successfully debited to your account. |
|  | Stripe checkout page, user enter all the required fields and process payment steps, click on pay button with valid details but user click on cancel button. | User click on cancel button | Error Snackbar with message, Payment is cancelled | Error Snackbar with message, Payment is cancelled |
|  | User navigates to active ticket page with the help of sidebar. | User click on active tickets menu | All the currently active tickets is shown to the user. | All the currently active tickets is shown to the user. |
|  | Active ticket page, user click on QR code button corresponds to particular ticket | Click on show QR code button | A modal pop ups with corresponds ticket QR code | A modal pop ups with corresponds ticket QR code |
|  | User navigates to history page with the help of sidebar. | Click on history menu in sidebar | User is redirected to history page and all the ticket history is shown to the user. | User is redirected to history page and all the ticket history is shown to the user. |
|  | User navigates to payments page with the help of sidebar. | Click on payment menu in sidebar | User is redirected to payments page and all the transaction history is shown to the user. | User is redirected to payments page and all the transaction history is shown to the user. |
|  | User navigates to maps page with the help of sidebar. | Click on maps menu in sidebar | User is redirected to map page, where user’s live location is shown in the map and a city map image is shown | User is redirected to map page, where user’s live location is shown in the map and a city map image is shown |
|  | User navigates to profile page with the help of sidebar. | Click on profile menu in sidebar | User is redirected to profile page and all the data about user’s profile is shown. | User is redirected to profile page and all the data about user’s profile is shown. |
|  | User profile page, user click on edit profile button | Click on edit profile button | A edit profile modal open up with predefined data filled in text fields | A edit profile modal open up with predefined data filled in text fields |
|  | Edit profile modal, user modifies profile and click on update profile button | Name:  User one  Username:  user\_one  email:  [userOne@gmail.com](mailto:userOne@gmail.com)  mobile number:  7778887156 | Success Snackbar with message, profile updated successfully | Success Snackbar with message, profile updated successfully |
|  | Edit profile page, user tries to edit profile with any single field empty except mobile number | Username:  “”  Mobile:  “” | Error Snackbar with message, please fill all the required fields | Error Snackbar with message, please fill all the required fields |
|  | Edit profile page, user tries to edit profile with existed username | Username:  user\_existed | Error Snackbar with message, a user with this username already exist | Error Snackbar with message, a user with this username already exist |
|  | Edit profile page, user tries to edit profile with existed email | Email:  existedUserEmail@gmail.com | Error Snackbar with message, this email is already registered | Error Snackbar with message, this email is already registered |
|  | When user click on upload image button | Image:  Image.jpg | Success toast with message, image uploaded successfully | Success toast with message, image uploaded successfully |
|  | Profile page, user click on logout button. | User click on logout button | User is redirected to sign in page. | User is redirected to sign in page. |
|  | User navigates to setting page with the help of sidebar. | Click on setting menu in sidebar | User is redirected to setting page. | User is redirected to setting page. |
|  | User modifies theme | User click on either dark or light or system theme button | Whole application theme changes as per user’s selection | Whole application theme changes as per user’s selection |
|  | Setting page user click on report a bug button | Click on report a bug button | A report modal open up with two fields | A report modal open up with two fields |
|  | Report modal user click on submit button without selecting either of fields | Topic: “”  Message:  “” | Error Snackbar with message, please enter all the required fields | Error Snackbar with message, please enter all the required fields |
|  | Report modal user click on submit button with filling required fields | Topic:  Suggest a feature.  Description:  Overall application is great try to add map which shows live bus routes | Another modal pop up with message, Thank you feedback. We will contact with you soon! | Another modal pop up with message, Thank you feedback. We will contact with you soon! |