COMSATS University Islamabad (CUI)

**Software Test Plan Document**

**For**

**Speech2Face**

Version 1.0

**Assignment-05**

**BCS-4-B**

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# Introduction

Speech2Face is a Research and Development-based Product with the main functionality to convert the voice into vector form and the vector form to image form and thus assisting in providing insights about the details of the person whose voice is under observation. It is developed using different technologies and Deep Learning and machine learning techniques will be used. The Image generated can be modified in accordance with the users’ perspective.

**General user:** They can retrieve their images from their voice notes.

**Security Agencies:** It Can help them identify the criminals and speed up the process of resolving complex cases.

The **Software Test Plan Document (STP)** will provide a comprehensive overview of all Test Plan stages, as well as the final product. The STP report describes the many forms of testing that are carried out on various areas of the system. The testing of modules, components, and features at various phases of development, such as unit testing, integration testing, system testing, and so on, will be briefly discussed.

# Document Purpose

The main objective of this document in to verify and validate overall working of the implemented document. Each project use case is thoroughly tested with carefully curated test cases to ensure the product is producing desired results. These test cases are documented in this document to give an overview of the testing phase along with the contrast between expected and actual results of these test cases.

# Project Scope

Speech2face is a web and mobile application-based software that is mainly built to recognize the face general structure, ethnicity and gender with the audio waves. Currently there is

no full fledge software in the world that helps in this regard although there are deep learning libraries on which much work is done in the past. It was nearly impossible to predict the appearance of some person with his/her voice. But Artificial Intelligence has made it.

Main Modules are as follows:

## 

## Module 1: Profile Management

MF-1.1 Sign Up

MF-1.2 Login

MF-1.3 Sign in Via Phone

MF-1.4 Sign in as a Guest

MF-1.5 Sign in Via Voice

MF-1.6 Update Profile Information

MF-1.7 Delete Profile

MF-1.8 Logout

## Module 2: Place Voice Record

MF-2.1 Record Voice

MF-2.2 Upload Existing Voice

MF-2.3 Upload Existing Video to fetch Voice

MF-2.4 Update Voice

MF-2.5 Update Video

MF-2.6 Delete Voice

MF-2.7 Delete Video

## Module 3: Sound to Face Vector Model

MF-3.1 Sound to vector Modeling via Deep Learning

MF-3.2 Generate Vector Model

## Module 4: Face-Vector to Face-Image Model

MF-4.1 Vector to Image Modeling via Deep Learning

MF-4.2 Generate Image Model

## Module 5: Image View Customization

MF-5.1 Brightness Control

MF-5.2 Saturation Management

MF-5.3 Skin Color Management

MF-5.4 Filters

## Module 6: Features Enhancer

MF-6.1 Face Shape Enhancement

MF-6.2 Nose Enhancement

MF-6.3 Eyebrow Enhancement

MF-6.4 Beard Maker

MF-6.5 Eye Enhancement

## Module 7: Insight Panel

**MF-7.1 View Report**

**MF-7.2 Download Report**

**MF-7.3 Share on Socials**

## Module 8: Feedback Panel

**MF-8.1 Rate Result**

**MF-8.2 Feedback in terms of words**

**MF-8.3 System Lagging Checks**

## Module 9: Help and Support

**MF-9.1 Chat with AI Bot**

**MF-9.2 Contact Support Team**

**MF-9.3 Change Bots-Language**

**MF-9.4 View Bot’s Query History**.



Context Diagram **Speech2Face**

# Intended Audience

Intended Audience includes:

* Client/users
* Professors
* Security Agency Analysts
* Project Committee Members

# Definitions, Acronyms and Abbreviations

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Abbreviation** | **Full Form of Abbreviation** |
| 1. | API | Application Programming Interface |
| 2. | FAQ | Frequently Asked Questions |
| 3. | FR | Functional Requirement |
| 4. | NFR | Non-Functional Requirement |
| 5. | QA | Quality Assurance |
| 6. | S2F | Speech2Face |
| 7. | STP | Software Test Plan |
| 8. | TC | Test Case |
| 9. | UC | Use Case |
| 10. | Uploadation | The process of uploading something on to a computer server, especially on the internet. |
| 11. | URL | Uniform Resource Locator |

# Executive Summary

The framework will be prepared for Arrangement subsequent to testing thoroughly and eliminating the more significant part of bugs that could spring up during the execution of the application. The testing is finished at various levels to ensure that framework is working flawlessly with no mistakes. The degree of testing will likewise ensure that the framework works as indicated by the client's prerequisites. On the off chance that any bugs are found, they will be fixed. The primary target of this record is to show the subtleties of testing for every module and highlight them. Following are the degrees of testing.

* Unit Testing
* System Level Testing
* Integration Level Testing
* Acceptance testing

# Test Items

The Items to be tested are given below:

* + 1. Use Cases of each module
    2. Requirement Specifications
    3. Design Specifications
    4. User Guides
    5. Operation Manuals
    6. Installation Manuals
    7. Usability
    8. Performance
    9. Security
    10. Compatibility
    11. Reliability

# Features to be tested

|  |  |
| --- | --- |
| **Features names** | **Risk Level** |
| Sign up | High |
| Log In | High |
| Forget Password | Medium |
| Sign In Via Phone | High |
| Sign in Via Voice | High |
| View Profile Display | Medium |
| Log out | High |
| Delete Profile | Medium |
| Disable Account | low |
| Record Voice | High |
| Upload Existing Voice | Medium |
| Upload Existing Video to Fetch | Medium |
| Update Video | Medium |
| Delete Voice | Medium |
| Delete Video | Medium |
| Sound to vector Modeling | Medium |
| Vector to Image Modeling | Medium |
| Brightness Control | High |
| Saturation Management | Medium |
| Skin Color Management | Low |
| Nose Modifier | Medium |
| Eyebrow Modifier | High |
| Face Modifier | Low |
| Eye Modifier | Medium |
| View Report | High |
| Download Report | High |
| Share on Socials | Medium |
| Rate Result | Medium |
| Feedback in words | High |
| System lagging checks | High |
| Chat with AI Bot | High |
| Contact Support Team | High |
| Change Bots Language | Medium |
| View Bots’ Query history | High |

# Features not to be tested

All the features of the system will be tested thoroughly.

# Item Pass/Fail Criteria

* **Unit Level:**
* **Test Passing**:The test is declared passed if 80% of the test cases are completed and tested with less than 5% of defects rate.
* **Test Failure**:The test is declared failed if 80% of the test cases are completed and tested with more than 5% of defects rate.
* **Low Level Tests:**
* **Test Accomplishment**:Low level tests will be accomplished if 90% of the plans are successfully completed without major bugs and defects.
* **Bugs Acceptability**: Maximum number of 6 bugs are allowed in the plan. The test with medium or major bugs are failed.
* **High Level Tests:**
* **Test Accomplishment**:The high-level test are said to be completed when the system runs successfully and efficiently and produce the required result with minimal bugs.
* **Bugs Acceptability**: Minor bugs and defects are acceptable if they do not cause the failure of the system or crashing.

# Item Pass/Fail Criteria

* **Application** 
  + The application will receive a Passed status if it accomplishes in producing more than 85% accurate results.
  + The application will receive a failed status if it produces less than 85% accurate results.
* **Data Conversion** 
  + Success criteria for data conversion are outlined in the Data Conversion Plan.

# Testing and Evaluation

# Verification

Every one of the cycles-pattern of the framework are tried completely to ensure that the framework is sans bug however much as could reasonably be expected. Every one of the pre-arranged archives, plan and code are tried to check regardless of whether they are as per the necessities. All the safety efforts are assessed exhaustively. The information from every client should be checked on the grounds that the application needs to manage it.

# Validation

The critical goal of approval is to ensure that the item being fabricated is as indicated by the client's prerequisites or not. Thus, approval of the framework is done to ensure that all the fabricated item is as per the client's necessities.

# Usability Testing

The elements and utilizations of the framework are checked regardless of whether they are easy to understand. The convenience will be tried to ensure that the end-client can comprehend the item without any problem. As the framework will be utilized by both specialized and non-specialized clients, they shouldn't confront any significant bugs.

# Module/Unit Testing

It is the most fundamental degree of testing. In this way, each utilitarian necessity is tried exclusively by the gathering individuals. The useful prerequisites of every module are tried. A large portion of the bugs can be found in this stage in light of the fact that every essential utilitarian prerequisite is checked completely.

# Integration Testing

Integration-level testing is finished to ensure that the modules and significant parts of the framework are working appropriately as a whole element. Testing is finished to distinguish a wide range of major and minor bugs.

# System Testing

In system level testing, the system is tested as a whole after the implementation of each module. Unusual operations are performed to find any bugs or failure of the system. The functionalities of the system are tested to ensure that the system’s result satisfy the user requirements.

# Acceptance Testing

The software is deployed to the users or clients, and it will be checked whether the system is accepted by them or not. It is also made sure that the system is fulfilling their requirements.

# Test Cases

#### **Module 1: Profile Management**

|  |  |
| --- | --- |
| **UC-ID** | **Use Case Name** |
| **UC-1.1** | Sign up |
| **UC-1.2** | Log in |
| **UC-1.3** | Sign in Via Phone |
| **UC-1.4** | Sign in Via Voice |
| **UC-1.5** | Update Profile |
| **UC-1.6** | Logout |

1. **TC-1.1 against UC-1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-1.1 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Sign Up | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Profile Management | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Create new Account. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role | | 1. Main application homepage will open. 2. Sign un screen will open. 3. Email is accepted. 4. Password and confirm password are accepted. 5. Account is logged in. Role Selection Page is displayed. 6. You are directed to the login Screen | |
| **Expected Result:** | | Successfully Signed up. | |
| **Actual Result:** | | Successfully Signed up. | |
| **Status:** | | Pass. | |

1. **TC-1.2 against UC-1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-1.2 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Login in | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Profile Management | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. | |
| **Expected Result:** | | Successfully Logged in. | |
| **Actual Result:** | | Successfully Logged in. | |
| **Status:** | | Pass. | |

1. **TC-1.3 against UC-1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-1.3 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Sign in Via phone | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Profile Management | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123  Phone No: 03164606490 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter login via phone. 5. Enter the phone no. 6. Enter the OTP sent to your number. 7. Select User or Security Person as your Role | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Phone number is accepted. 5. OTP is accepted. 6. Account is logged in. Role Selection Page is displayed. 7. Dashboard is opened. 8. Voice option is displayed and to be recorded successfully. | |
| **Expected Result:** | | Login Successful | |
| **Actual Result:** | | Login Successful | |
| **Status:** | | Pass. | |

1. **TC-1.4 against UC-1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-1.4 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Sign in Via Voice | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Profile Management | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123  Voice record in MP3 form | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Select the login via voice option. 5. Record your voice till 30 sec. 6. The main Dashboard will be shown | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Voice is recorded. 5. Voice is matched 6. Dashboard is opened or error message to record again or go back is shown. | |
| **Expected Result:** | | Login Successfully | |
| **Actual Result:** | | Login Successfully | |
| **Status:** | | Pass. | |

1. **TC-1.5 against UC-1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-1.5 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Update Profile | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Profile Management | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Updated-Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Updated Password: sp\_1299 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select update profile. 8. Enter valid email and password. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Update Page will be shown which will prompt the user to add the updated details 7. Updated password and email is accepted | |
| **Expected Result:** | | Profile updated Successfully | |
| **Actual Result:** | | Profile updated Successfully | |
| **Status:** | | Pass. | |

1. **TC-1.6 against UC-1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-1.6 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Log Out | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Profile Management | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Click logout button in your profile section. 8. Confirm Logout. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. You will be asked to confirm if you want to logout. 8. You will be logged out. 9. You will be directed to the sign up/ login screen. | |
| **Expected Result:** | | Logout Successfully. | |
| **Actual Result:** | | Logout Successfully. | |
| **Status:** | | Pass. | |

#### **Module 2: Place Voice Record**

|  |  |
| --- | --- |
| **UC-ID** | **Use Case Name** |
| **UC-2.1** | Record Voice |
| **UC-2.2** | Upload Existing Voice |
| **UC-2.3** | Upload Existing Video to fetch Voice |
| **UC-2.4** | Update Voice |
| **UC-2.5** | Update Video |
| **UC-2.6** | Delete Voice |
| **UC-2.7** | Delete Video |

1. **TC-2.1 against UC-2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.1 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Check Record Voice | **Test Case Executed by:** | Shahzaneer Ahmed |
| **Module Name:** | Place Voice Record | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. | |
| **Expected Result:** | | Voice Recorded Successfully. | |
| **Actual Result:** | | Voice Recorded Succesfully. | |
| **Status:** | | Pass. | |

1. **TC-2.2 against UC-2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.2 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Verify Upload Existing Voice | **Test Case Executed by:** | Shahzaneer Ahmed |
| **Module Name:** | Place Voice Record | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then select upload voice option and Upload Existing voice. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Response of Uploaded Voice Successfully is displayed. | |
| **Expected Result:** | | Voice Uploaded Successfully. | |
| **Actual Result:** | | Voice was Uploaded. | |
| **Status:** | | Pass | |

1. **TC-2.3 against UC-2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.3 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Verify Upload Existing Video | **Test Case Executed by:** | Shahzaneer Ahmed |
| **Module Name:** | Place Voice Record | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then select upload Video option and Upload Existing video. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Response of Uploaded Voice Successfully is displayed. | |
| **Expected Result:** | | Video Uploaded Successfully. | |
| **Actual Result:** | | Video Was Uploaded. | |
| **Status:** | | Pass. | |

1. **TC-2.4 against UC-2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.4 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Verify Update Voice | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Place Voice Record | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then select record voice option. 8. User clicks update voice option to update voice. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Response of Updated Voice Successfully is displayed. | |
| **Expected Result:** | | Voice Uploaded Successfully. | |
| **Actual Result:** | | Voice was Uploaded Successfully. | |
| **Status:** | | Pass. | |

1. **TC-2.5 against UC-2.5**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.5 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Verify Update Video | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Place Voice Record | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then select Upload video option. 8. When Video is uploaded, user must click update option to update the video. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Response of Updated Video Successfully is displayed. | |
| **Expected Result:** | | Voice Updated Successfully. | |
| **Actual Result:** | | Voice Updated Successfully | |
| **Status:** | | Pass. | |

1. **TC-2.6 against UC-2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.6 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Verify Delete Voice | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Place Voice Record | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then select saved voice option. 8. User must mark the voices and the click to delete button. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Response of Delete Voices Successfully is displayed. | |
| **Expected Result:** | | Voice deleted Successfully. | |
| **Actual Result:** | | Voice was deleted Successfully. | |
| **Status:** | | Pass. | |

1. **TC-2.7 against UC-2.7**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.7 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Verify Delete Video | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Place Voice Record | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then select saved videos option. 8. User must mark the videos and the click to delete button. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Response of Delete Videos Successfully is displayed. | |
| **Expected Result:** | | Videos deleted Successfully. | |
| **Actual Result:** | | Videos deleted Successfully. | |
| **Status:** | | Pass. | |

#### **Module 3: Sound to Face Vector Model**

|  |  |
| --- | --- |
| **UC-ID** | **Use Case Name** |
| **UC-3.1** | Sound to Vector Modeling Via Deep Learning |
| **UC-3.2** | Generate Vector Model |

**1. TC-3.1 against UC-3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-3.1 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Sound to Vector Modelling | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Sound-to-vector | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123  Machine Learning Model by Face.net (Google) | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice and select your voice note. 8. Now select sound to vector conversion. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice is recorded and selected. 8. Sound to vector conversion is started. | |
| **Expected Result:** | | Sound to Vector Conversion Modeling taking place Successfully. | |
| **Actual Result:** | | Sound to Vector Conversion Modeling taking place Successfully. | |
| **Status:** | | Pass. | |

1. **TC-3.2 against UC-3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-3.2 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Generate vector | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Sound-to-vector | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. 8. Select the Record Voice option and record Voice and select your voice note. 9. Now select sound to vector conversion. 10. Generate Vector Mode. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. Voice-Vector modelling is taking place 9. The Vector model is displayed. | |
| **Expected Result:** | | The Vector Model is Displayed | |
| **Actual Result:** | | The Vector Model is Displayed | |
| **Status:** | | Pass. | |

#### **Module 4: Vector to Image Modeling Via Deep Learning**

|  |  |
| --- | --- |
| **UC-ID** | **Use Case Name** |
| **UC-4.1** | Vector to image Modeling |
| **UC-4.2** | Generate Image Model |

1. **TC-4.1 against UC-4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-4.1 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Check Vector to Image Model | **Test Case Executed by:** | Not Executed |
| **Module Name:** | Vector to Image Modeling Via Deep Learning | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then record voice. 8. By clicking to convert to vector button vector image will be generated. 9. Then by clicking get Image option user will get Image Model. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice Options are Displayed. 8. Vector Model is Displayed. 9. Image Model is then Displayed. | |
| **Expected Result:** | | Image is Displayed on Screen Successfully. | |
| **Actual Result:** | | Not Executed. | |
| **Status:** | | Not Executed. | |

1. **TC-4.2 against UC-4.2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-4.1 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Check Generate Image Model. | **Test Case Executed by:** | Not Executed |
| **Module Name:** | Vector to Image Modeling Via Deep Learning | **Test Case Execution Date:** | Soon |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then record voice. 8. By clicking to convert to vector button vector image will be generated. 9. Then by clicking get Image option user will get Image Model and Check Image Generated Successfully or not. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice Options are Displayed. 8. Vector Model is Displayed. 9. Generation Of image Successfully. | |
| **Expected Result:** | | Image Generated Successfully. | |
| **Actual Result:** | | Image was not generated. | |
| **Status:** | | Fail. | |

#### **Module 5: Image View Customization**

|  |  |
| --- | --- |
| **UC-ID** | **Use Case Name** |
| **UC-5.1** | Brightness Control |
| **UC-5.2** | Saturation Management |
| **UC-5.3** | Skin Tone Management |
| **UC-5.4** | Filters |
| **UC-5.5** | Avatar Maker |

**1. TC-5.1 against UC-5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-5.1 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Brightness Control | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Image-View Customization | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. 8. Now select the voice and start modeling it into the vector and image form. 9. Now click to the customize Image button 10. Select Brightness. 11. Scroll the slider to change the level of Brightness. 12. Click the tick button above. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The Brightness’ intensity is changing with the slider 10. The brightness is now enhanced with the preferred priority. | |
| **Expected Result:** | | Brightness is enhanced Successfully. | |
| **Actual Result:** | | Brightness is enhanced Successfully. | |
| **Status:** | | Pass. | |

1. **TC-5.2 against UC-5.2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-5.2 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Saturation Management | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Image-View Customization | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. 8. Now select the voice and start modeling it into the vector and image form. 9. Now click to the customize Image button 10. Select Saturation. 11. Scroll the slider to change the level of Saturation. 12. Click the tick button above. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The Saturation intensity is changing with the slider 10. The saturation is now enhanced with the preferred priority. | |
| **Expected Result:** | | Saturation is enhanced Successfully. | |
| **Actual Result:** | | Saturation is enhanced Successfully. | |
| **Status:** | | Pass. | |

1. **TC-5.3 against UC-5.3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-5.3 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Skin-Tone Management | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Image-View Customization | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. 8. Now select the voice and start modeling it into the vector and image form. 9. Now click to the customize Image button 10. Select Skin Tone. 11. Scroll the slider to change the level of Skin tone. 12. Click the tick button above. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The Skin Tone’s intensity is changing with the slider 10. The Skin Tone is now enhanced with the preferred priority. | |
| **Expected Result:** | | Skin Tone is enhanced Successfully. | |
| **Actual Result:** | | Skin Tone is enhanced Successfully. | |
| **Status:** | | Pass. | |

1. **TC-5.4 against UC-5.4**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-5.4 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Filters | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Image-View Customization | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Low |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. 8. Now select the voice and start modeling it into the vector and image form. 9. Now click to the customize Image button 10. Select Filters. 11. Scroll the slider to select the filter of your choice. 12. Click the tick button above. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The filter selected is changing on run time. 10. The Filter is now applied with the preferred priority. | |
| **Expected Result:** | | Filter applied successfully. | |
| **Actual Result:** | | Filter applied successfully. | |
| **Status:** | | Pass. | |

1. **TC-5.5 against UC-5.5**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-5.5 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Avatar Maker | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Image-View Customization | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Low |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. 8. Now select the voice and start modeling it into the vector and image form. 9. Now click the avatar generator. 10. Click the tick button above. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. Your Avatar will be generated. | |
| **Expected Result:** | | Avatar Generated Successfully | |
| **Actual Result:** | | Avatar Generated Successfully | |
| **Status:** | | Pass. | |

#### **Module 6: Features Enhancer**

|  |  |
| --- | --- |
| **UC-ID** | **Use Case Name** |
| **UC-6.1** | Face Shape Enhancement |
| **UC-6.2** | Nose Enhancement |
| **UC-6.3** | Eyebrow Enhancement |
| **UC-6.4** | Beard Maker |
| **UC-6.5** | Eye Enhancement |

1. **TC-6.1 against UC-6.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-6.1 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Check Face Shape Enhancement. | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Features Enhancer | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then record voice. 8. By clicking to convert to vector button vector image will be generated. 9. Then by clicking get Image option Security Person will get Image Model. 10. User will click features enhancer option and select Face Shape enhancement. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice Options are Displayed. 8. Vector Model is Displayed. 9. Image Model is then Displayed. 10. Feature enhancer option is displayed and Face Shape Enhancement. | |
| **Expected Result:** | | Face Shape Enhancement option working Properly. | |
| **Actual Result:** | | Face Shape Enhancement option working Properly. | |
| **Status:** | | Pass. | |

1. **TC-6.2 against UC-6.2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-6.2 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Check Nose Enhancement. | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Features Enhancer | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then record voice. 8. By clicking to convert to vector button vector image will be generated. 9. Then by clicking get Image option Security Person will get Image Model. 10. User will click features enhancer option and select Nose enhancement option. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice Options are Displayed. 8. Vector Model is Displayed. 9. Image Model is then Displayed. 10. Feature enhancer option is displayed and Nose Enhancement option. | |
| **Expected Result:** | | Nose Enhancement option working Properly. | |
| **Actual Result:** | | Nose Enhancement option working Properly. | |
| **Status:** | | Pass. | |

1. **TC-6.3 against UC-6.3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-6.3 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Check Eyebrow Enhancement. | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Features Enhancer | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then record voice. 8. By clicking to convert to vector button vector image will be generated. 9. Then by clicking get Image option Security Person will get Image Model. 10. User will click features enhancer option and select Eyebrow enhancement option. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice Options are Displayed. 8. Vector Model is Displayed. 9. Image Model is then Displayed. 10. Feature enhancer option is displayed and Eyebrow Enhancement option. | |
| **Expected Result:** | | Eyebrow Enhancement option working Properly. | |
| **Actual Result:** | | Eyebrow Enhancement option working Properly. | |
| **Status:** | | Pass | |

1. **TC-6.4 against UC-6.4**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-6.3 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Check Beard Maker. | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Features Enhancer | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then record voice. 8. By clicking to convert to vector button vector image will be generated. 9. Then by clicking get Image option Security Person will get Image Model. 10. User will click features enhancer option and select Beard Maker option. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice Options are Displayed. 8. Vector Model is Displayed. 9. Image Model is then Displayed. 10. Feature enhancer option is displayed and options against Beard maker option. | |
| **Expected Result:** | | Beard Maker option working Properly. | |
| **Actual Result:** | | Beard Maker option working Properly. | |
| **Status:** | | Pass | |

1. **TC-6.5 against UC-6.5**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-6.5 | **Test Case Designed by:** | SHAYAN ZAMEER |
| **Test Case Title:** | Check Eye Enhancement. | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Features Enhancer | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role. 7. Select the Voice option and then record voice. 8. By clicking to convert to vector button vector image will be generated. 9. Then by clicking get Image option Security Person will get Image Model. 10. User will click features enhancer option and select Eye enhancement option. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice Options are Displayed. 8. Vector Model is Displayed. 9. Image Model is then Displayed. 10. Feature enhancer option is displayed and options against Eye Enhancement option. | |
| **Expected Result:** | | Eye Enhancement option working Properly. | |
| **Actual Result:** | | Eye Enhancement option working Properly. | |
| **Status:** | | Pass. | |

#### **Module 7: Insight Panel**

|  |  |
| --- | --- |
| **UC-ID** | **Use Case Name** |
| **UC-7.1** | View Report |
| **UC-7.2** | Download Report |
| **UC-7.3** | Share Via Socials |

* + - 1. **TC-7.1 against UC-7.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-7.1 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | View Report | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Insights Panel | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. 8. Now select the voice and start modeling it into the vector and image form. 9. Now click on insights panel and then on view report. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The generated report will be viewed. | |
| **Expected Result:** | | Viewed Report Successfully | |
| **Actual Result:** | | Viewed Report Successfully. | |
| **Status:** | | Pass. | |

* + - 1. **TC-7.2 against UC-7.2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-7.2 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Download Report | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Insights Panel | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. 8. Now select the voice and start modeling it into the vector and image form. 9. Now click on insights panel and then on view report. 10. Download it. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The generated report will be viewed 10. The report will be downloaded. | |
| **Expected Result:** | | The report will be downloaded successfully. | |
| **Actual Result:** | | Report is downloaded successfully | |
| **Status:** | | Pass. | |

* + - 1. **TC-7.3 against UC-7.3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-7.3 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Share Via Socials | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Insights Panel | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Select the Record Voice option and record Voice. 8. Now select the voice and start modeling it into the vector and image form. 9. Now click on insights panel and then on view report. 10. Now select share via socials options 11. Select Social media platform of your own choice and enter select. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The generated report will be viewed 10. The Share via socials options appears in terms of twitter, fb, Instagram and LinkedIn. 11. The selected platform will be opened and the image will be uploaded to it. | |
| **Expected Result:** | | Will be Shared on Social-Media successfully. | |
| **Actual Result:** | | Shared on Social-Media successfully. | |
| **Status:** | | Pass. | |

#### **Module 8: Features Enhancer**

|  |  |
| --- | --- |
| **UC-ID** | **Use Case Name** |
| **UC-8.1** | Rate System |
| **UC-8.2** | Sent feedback |
| **UC-8.3** | System Lagging Checks |

1. **TC-8.1 against UC-8.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-8.1 | **Test Case Designed by:** | Shayan Zameer |
| **Test Case Title:** | Check Rate Result | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Feedback Panel | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123,  Rating: “5”,  Rating Stars: “\*\*\*” | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Open Feedback option from webpage header or application’s side-pane menu. 7. Enter Rating 8. Enter Rating with Stars 9. Click Submit button. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Feedback page opens. 7. Rating accepted 8. Feedback accepted 9. Feedback submitted successfully | |
| **Expected Result:** | | Successfully result of Rating is submitted. | |
| **Actual Result:** | | Successfully result of Rating is submitted. | |
| **Status:** | | Pass | |

1. **TC-8.2 against UC-8.2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-8.2 | **Test Case Designed by:** | Shayan Zameer |
| **Test Case Title:** | Verify Feedback Uploadation | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Feedback Panel | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123,  Rating: “5”,  Feedback: “Check Feedback” | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Open Feedback option from webpage header or application’s side-pane menu. 7. Enter Feedback 8. Click Submit button | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Feedback page opens. 7. Rating accepted 8. Feedback accepted 9. Feedback submitted successfully | |
| **Expected Result:** | | Successfully system feedback is submitted. | |
| **Actual Result:** | | Feedback submission successful | |
| **Status:** | | Pass | |

1. **TC-8.3 against UC-8.3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-8.3 | **Test Case Designed by:** | Shayan Zameer |
| **Test Case Title:** | Verify System Lagging Checks | **Test Case Executed by:** | Shahzaneer Ahmad |
| **Module Name:** | Feedback Panel | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Medium |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Open Feedback option from webpage header or application’s side-pane menu. 7. Enter System lagging Checks option. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Feedback page opens. 7. System lagging checks Verified Successfully. | |
| **Expected Result:** | | Successfully system lagging checks is verified. | |
| **Actual Result:** | | Successfully system lagging checks is verified | |
| **Status:** | | Pass. | |

#### **Module 9: Help and Support**

|  |  |
| --- | --- |
| **UC-ID** | **Use Case Name** |
| **UC-9.1** | Chat with AI Bot |
| **UC-9.2** | Contact with Support Team |
| **UC-9.3** | Change Bots’ Language |
| **UC-9.4** | View Bot’s Query History |

* + - 1. **TC-9.1 against UC-9.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-9.1 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Chat with AI Bot | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Helps and Support | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Main Dashboard appears. 8. Now select the Help and support option and then choose the Chat with bot. 9. Send message by typing in the console. 10. Receive message. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The chat bot will be opened 10. The chat bot will reply to the query. | |
| **Expected Result:** | | Chat Bot integrated successfully | |
| **Actual Result:** | | Chat Bot integrated successfully | |
| **Status:** | | Pass. | |

* + - 1. **TC-9.2 against UC-9.2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.1 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Contact support team | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Helps and Support | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | High |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Main Dashboard appears. 8. Now select the Help and support option and then choose the Contact support team. 9. Select the profile you want to chat with. 10. Now through email you can chat. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The Current available support team will be displayed 10. The Email account will be opened. | |
| **Expected Result:** | | Contacted Support team successfully | |
| **Actual Result:** | | Contacted Support team successfully | |
| **Status:** | | Pass. | |

* + - 1. **TC-9.3 against UC-9.3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-9.3 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Change-Bot’s Language | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Helps and Support | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Low |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Main Dashboard appears. 8. Now select the Help and support option and then choose the Chat with bot. 9. Select the change language option. 10. Select language Urdu. | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The chat bot will be opened 10. The chat bot’s language options are displayed and Urdu is selected. | |
| **Expected Result:** | | Changed The Chatbot’s Language successfully | |
| **Actual Result:** | | Changed the Chatbot’s Language successfully | |
| **Status:** | | Pass. | |

* + - 1. **TC-9.4 against UC-9.4**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-9.4 | **Test Case Designed by:** | Shahzaneer Ahmed |
| **Test Case Title:** | Bot’s query History | **Test Case Executed by:** | Shayan Zameer |
| **Module Name:** | Helps and Support | **Test Case Execution Date:** | 20-12-2022 |
| **Test Data:** | Email: [Sp21@gmail.com](mailto:Sp21@gmail.com),  Password: sp\_123 | **Priority:** | Low |
| **Steps /Action** | | **System Response** | |
| 1. Load the web URL or click on mobile application icon. 2. Select Get Started. 3. Enter registered email to log in. 4. Enter registered password to login. 5. Press Login Button. 6. Select User or Security Person as your Role 7. Main Dashboard appears. 8. Now select the Help and support option and then choose the Chat with bot. 9. Select the query history option | | 1. Main application homepage will open. 2. Log in screen will open. 3. Email is accepted. 4. Password is accepted 5. Account is logged in. Role Selection Page is displayed. 6. Dashboard is opened. 7. Voice option is displayed and to be recorded successfully. 8. The Image is converted into vector and image form. 9. The chat bot will be opened and query history will be appeared. | |
| **Expected Result:** | | Query history will be appeared. | |
| **Actual Result:** | | Query history will be appeared. | |
| **Status:** | | Pass. | |

# Test Deliverables

Test deliverables for this test plan document are:

* **Test plan**

Data gathering, testing models and philosophy, experiments, and an arrangement for directing tests are all important for this interaction.

* **Test design specifications**
* The test plan-close to the system used to make and run the tests are associated with this deliverable.
* **Test case specifications**

The conditions and criteria for the results, along with the specifications of the functionalities that were tested, are included.

* **Test procedure specifications**

It incorporates the picked sort of testing strategy. For instance, our picked type is dim box testing since it remembers effective and exhaustive testing for both interior and outer degree of the item.

* **Test item transmittal reports**

List of entities to be tested are included.

* **Test logs**

The test data and received outcomes are included.

* **Test Incident Reports**

Any defects/ bugs and abnormality found in behavior of the app are included.

* **Test Summary reports**

A brief overview of whole procedure with statistical data is included.

# Test Tasks

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Deliverable Name** | **Author** | **Reviewer** |
| **1** | Test Plan | Quality control team Lead | Project Manager / Business Analyst’s |
| **2** | Test Design specification | Quality control team | Developer |
| **3** | Test Case Specifications | Quality control team | Developer |
| **4** | Test transmittal report | Quality control team | Business analyst |
| **5** | Daily / Weekly Status Report | Quality control team / Test Lead | Test Lead / Project Manager |
| **6** | Test Closure Report | Test Lead | Project Manager |
| **7** | Test Logs | Quality control team | QA Manager |
| **8** | Test Summary Reports | Quality control team | Project Manager |
| **9** | Test Incident Report | Quality control team | Project Manager / QA Manager |

# Environmental Needs

Following are the environmental needs for carrying out our test plan:

* Stable internet connection for both mobile and web applications
* Devices with Android 6 and above, or iOS 11 and above.
* Web browsers that support HTML 5.
* The Data should already be trained for the desired region and race of humans.

# Responsibilities

Work is divided equally among both the team members as stated below:

* **Members**

|  |  |
| --- | --- |
| **Registration No.** | **Name** |
| * SP21-BCS-087 | * Shahzaneer Ahmed |
| * SP21-BCS-088 | * Shayan Zameer |

* **Work Division**

|  |  |  |
| --- | --- | --- |
| Test Design | Module 1, 3, 5, 7,9 | Shahzaneer Ahmed |
| Test Design | Module 2, 4, 5, 8 | Shayan Zameer |
| Test Execution | Module 1, 3, 6, 7,9 | Shayan Zameer |
| Test Execution | Module 2, 4, 5, 8 | Shahzaneer Ahmed |
| Test Documentation |  | Shayan Zameer  Shahzaneer Ahmed |
| Test Logs |  | Shayan Zameer |
| Test Bug Report |  | Shayan Zameer  Shahzaneer Ahmed |
| Test Summary |  | Shayan Zameer  Shahzaneer Ahmed |
| Test conclusion |  | Shahzaneer Ahmed |

# Conclusion

This archive assumes a fundamental part to guarantee the rightness, viability, and dependability of programming items. The framework is completely confirmed and approved to limit item disappointments. This record contains exact data, guaranteeing that partners get precise test reports to appreciate the item's abilities completely.

# References

N/A

# Work Division

|  |  |
| --- | --- |
| **Headings Division** | |
| **Shahzaneer Ahmed**  **(SP21-BCS-087)** | **Shayan Zameer**  **(SP21-BCS-088)** |
| Introduction (Heading 1)  Test Deliverables (Heading 5)  Conclusion (Heading 6) | 1. Executive Summary (Heading 2) 2. Testing and Evaluation (Heading 3) |
| **Test Case Division** | |
| **Shahzaneer Ahmed**  **(SP21-BCS-087)** | **Shayan Zameer**  **(SP21-BCS-088)** |
| Heading 4 : Test Cases  Module (1,3,5,7,9) | Heading 4 : Test Cases  Module (2,4,6,8) |
| **Compilation Division** | |
| **Shahzaneer Ahmed**  **(SP21-BCS-087)** | **Shayan Zameer**  **(SP21-BCS-088)** |
| Word Document | PowerPoint Slides |