**Live Express: Test Plan**

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June 8, 2021

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| --- | --- | --- | --- | --- | --- |
| Version Num. | Written By. | Completion Date. | Approved By. | Submission Date. | Outline |
| 1.0 | **All team members** | **06/09/2021** | **Professor Sanford** | **06/10/2021** | **Test Plan** |
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# **Overview**

# LivExpress is a website platform that will allow users from diverse geographical locations to post and share places they have explored. The posts will be shared in a live feed that will show all places users have visited and posted. The platform is not limited to geographical points since the users can review and post eateries, activities, and fun centers they have visited. The LivExpress platform will allow users to register and create a login to the website for free. Registered users and guest are also welcome to post. However, if posting as a guest, you will also show up as with the generic name *guest.* Once a user is registered and logs in, they will be able to share their explorations, using their login name, which will offer unique experiences to all the subscribers.

We are starting to see light at the end of the tunnel after being couped up in the house due to the world being shut down due to Covid-19. It is time that people get back to living and seeing the world again, and the wonders it has to offer. This platform is designed for any individual who is looking to find those hidden treasures of the world.

* **Who will use the website?**

Anybody, anywhere in any geographical location.

* **What is it used for?**

This site is used for users who are exploring the world and have experienced something amazing that they want to share with other users of LivExpress. They can share live updates regarding amazing eateries, activities, and fun centers they have visited; as well as, photos that they would like to attach. Users can also save posts with a hashtag, allowing other users or themselves to find what has been posted regarding that hashtag.

* **How will it work?**

As a non-user, you do not have to register and login and still have the option to post to the live feed. However, you do not have the option to update or delete the posts that you have previously shared. With a registered user, you can create posts to the live feed and have the option to update and delete any post that you have previously shared. Both users are also able to search for other users posts with either the hashtag, or the title of a post. There is a contact page that allows all registered and non-registered users to contact LivExpress with any questions that they have.

* **What software/ hardware the product uses?**

The program has been tested on Windows and MacOS devices. The program is built using Python version 3.6 and up. When the program is deployed to the public, it will be available on all desktop models, but has not been made available for the mobile version.

**Test Plan**

|  |  |  |  |
| --- | --- | --- | --- |
| Input Value/Action | Expected | Output | Pass/Fail |
| Home Page |  |  |  |
| *Test 1:*  Click “Register” button | Registration form page renders | Registration form page renders |  |
| *Test 2:*  Click “Get Started” button | Create post page renders | Create post page renders |  |
| *Test 3:*  Users can access nav bar links | Nav links render Home, Feed, Create Post, Search, Login, and Register pages | Nav links render Home, Feed, Create Post, Search, Login, and Register pages |  |
| Register Page |  |  |  |
| *Test 1:*  Enter data into registration form | Input data into required fields | Input data into required fields |  |
| *Test 2:*  Click “Register” button | Displays registration successful pop-up message and renders the login page | Displays registration successful pop-up message and renders the login page |  |
| Login Page |  |  |  |
| *Test 1:*  Enter username and password *incorrectly* into appropriate fields and click “Login” button | Login unsuccessful pop-up message and renders login page with empty fields | Login unsuccessful pop-up message and renders login page with empty fields |  |
| Test 2:  Enter username and password *correctly* into appropriate fields and click “Login” button | Login successful pop-up message and renders feed page | Login successful pop-up message and renders feed page |  |
| Feed |  |  |  |
| *Test 1:*  guest or registered user can scroll down to see posts in chronological order | See feed in chronological order | See feed in chronological order |  |
| *Test 2:*  registered user can order and/or update and delete their previous post while  Admin can order and/or update and delete anyone previous post in chronological | Update and Delete posts | Update and Delete posts |  |
| Search Page |  |  |  |
| *Test 1:*  Enter data in hashtag field to search by hashtag and click the “Search” button | Render feed page of the hashtag searched or blank feed page if nothing found | Render feed page of the hashtag searched or blank feed page if nothing found |  |
| *Test 2:*  Enter data in title field to search by title and click the “Search” button | Render feed page of the title searched or blank feed page if nothing found | Render feed page of the title searched or blank feed page if nothing found |  |
| About Us Page |  |  |  |
| *Test 1:*  Click “Contact Us” button | Renders contact us page | Renders contact us page |  |
| Contact Us Page |  |  |  |
| *Test 1:*  Enter data in form and click the “Submit” button | Pop-up message saying form sent successfully | Pop-up message saying form sent successfully |  |
| Meet the Team Page |  |  |  |
| *Test 1:*  Click “email” to send individual team members a message | Opens email application with team members email already inserted in the *to* address line | Opens email application with team members email already inserted in the *to* address line |  |
| Sign Out Button |  |  |  |
| *Test 1:*  Click “Sign Out” button | Pop-up message stating user is logged out and renders the home page | Pop-up message stating user is logged out and renders the home page |  |

* **Testing Type:**
* Manual tests – We will perform manual tests of each part of the website to make sure that all user functions are working properly. As well as, making sure the backend data (personal data) is stored in a secure location.
* Test debugging with IDE – Making sure the program runs with no errors, warnings, or typos.
* **A picture containing table

  Description automatically generatedSchedule:**

# **User Guide**

## ***Home***:

1. User can click on Get Started and post as a guest.
2. Users can register or login to their account.

**Instructions**:

* Open the website.
* Navigate back to the homepage by clicking the *Home* link in the nav bar.

## ***Feed:***

1. User can view other users posts in chronological order.
2. Users can view and read posts only.

**Instructions**:

* Navigate to the Feed (if not already there).
* Scroll up and down to read the feed.

## ***Create Post:***

1. Registered and guests can create, add photos, and use hashtag to create their post.
2. If user or admin is logged in, you can update or delete post.

**Instructions**:

* Type in a Hashtag
  + Important: Be sure to hit the ENTER key in order to commit the hashtag.
* Type in a title for the post.
* Type a description of the post in the content text box.
* Select the “Chose File” button.
* Navigate via the directory that opens to the picture you would like to upload.
* Select “OK” when you find your desired picture.
* Select “Post”.

## ***Search:***

1. Registered and guests can search by using the hashtag for posts that have been created by other users or themselves.
2. Registered and guests can search by searching the title of a post that have been created by other users or themselves.

**Instructions**:

* Navigate to the Search page (if not already there).
* User can search for the hashtag or the title of a post.
* Select “Search”.

## ***Login:***

1. Authentication page that verifies a valid user.
2. User must provide the correct username and password.

**Instructions**:

* Navigate to the Login Page (if not already there).
* Type your username.
* Type your password.
* Select “Login”.

## ***Register:***

1. A form page that allows user to create an account.
2. Phone number is optional, and all other fields are required.

**Instructions**:

* Navigate to the Registration Page (if not already there).
* Type your information.
* Select “Register”.

## ***Sign Out:***

1. If logged in, the user can hit the “logout” button to logout of their account.

## ***About Us:***

1. User can view the about us page.
2. Click the button to “Contact Us”.

## ***Contact Us:***

1. A form that allows the user contact LivExpress help for any reason needed.
2. Select reason to contact help using the dropdown option.
3. Hit “submit” button.

## ***Meet the Team:***

1. Navigate to the “Meet the team” to view the contact information of each team member.
2. Hit “email” to email individual team members.