

Problem

E-SToPP organization's website task:

- Adding Mail Chimp and Ajax Search plugin
- Converting static forms to web enable forms
- Converting it into Android Applications

Solution

The solution for problems are for the website:

- Search option within the website
- Mail Chimp Form Added
- Campaign can be made easily
- Static form converted to dynamic form
- Full functional Android version of website

Current System

Currently, e-stopp.org website is in operable state, most of the functions are working well. Core features are:

- Adding Search Feature.
- Adding Mail Chimp plugin
- Import users from existing user and create administrative user.
- Convert pdf based static form to dynamic web enable forms.
- Adding database options with those corresponding form like ContactDB.
- The Android version of the website is working well.

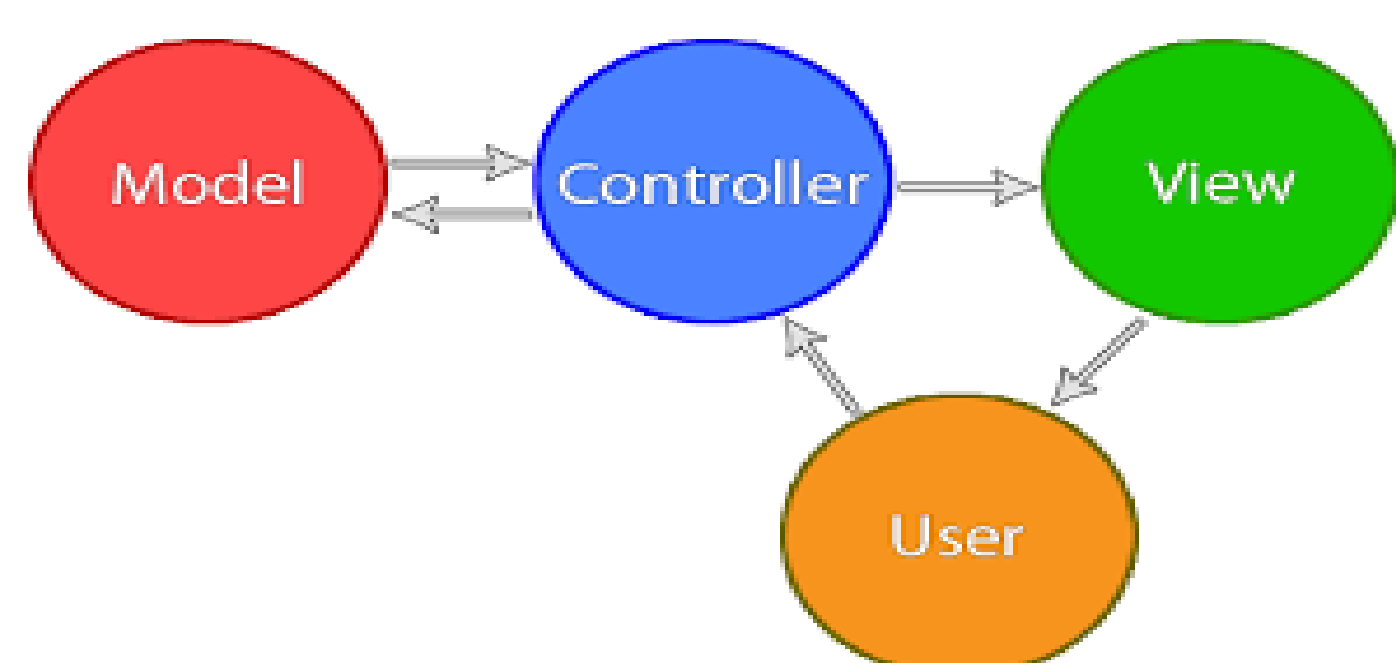
Requirements

System provide functionality to user:

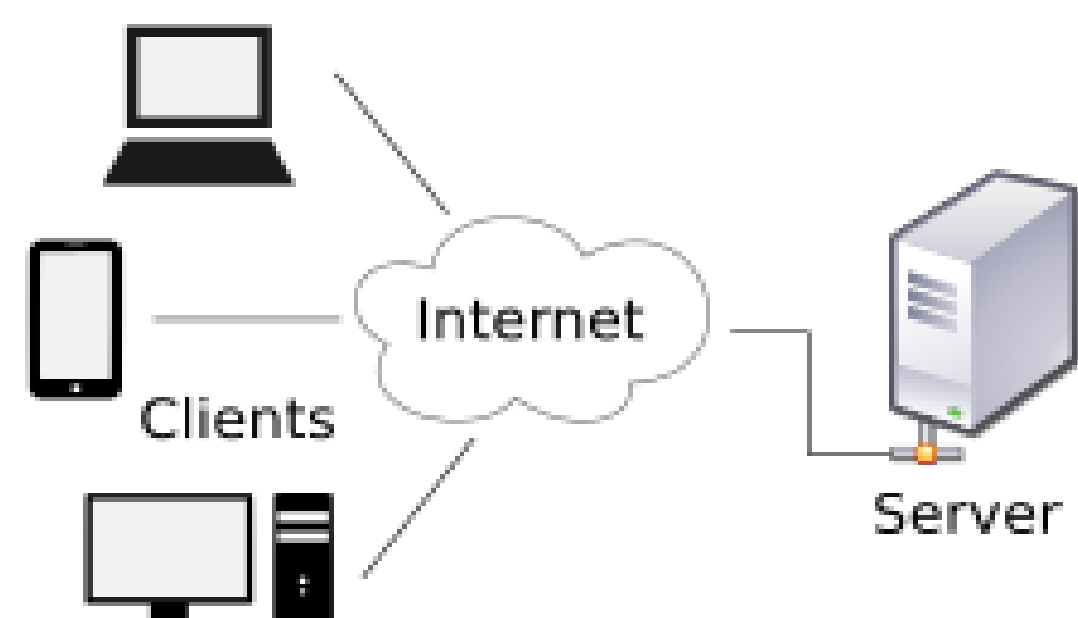
- Search text within the website.
- Adding User info via mail Chimp Form.
- Apply for E-SToPP membership via website.
- Submit PPLM Volunteer form via website and Mobile app.
- Submit Transformative Education Center form.
- Submit Transformative praxis Center form via website and mobile APP.
- Convert the website to Mobile APP.

System Design

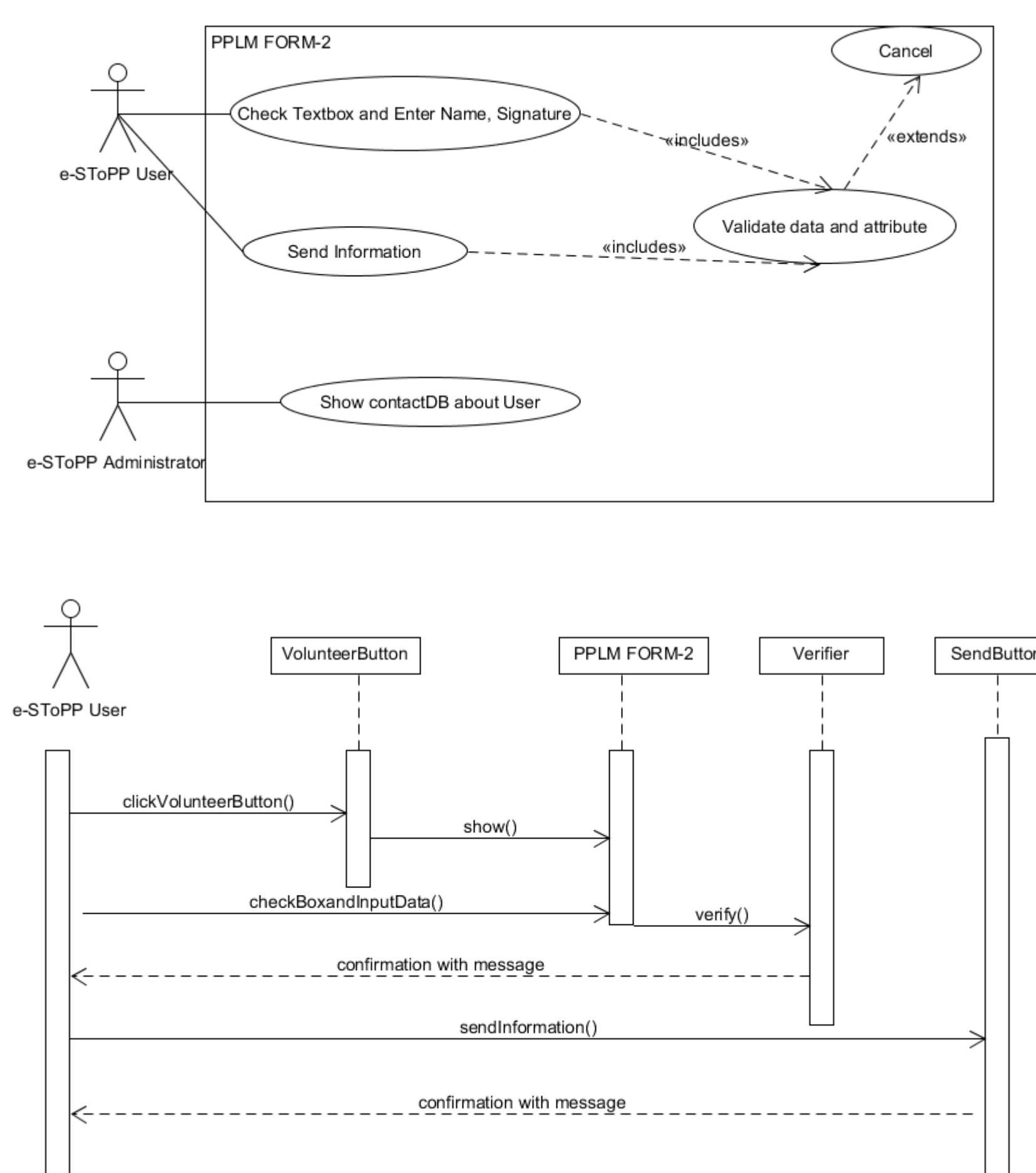
Model-View-Controller (MVC)Architecture:



Client Server Model:



Object Design



Implementation



Website design on WordPress



User Interface: HTML 5 and CSS3



Server Side Scripting done on PHP



Mobile Application is done on Android Studio

Verification

TEST: SEARCH SUCCESS

Test Id: Testing#133-TC001

Purpose: When I enter into the website and click on search component and write any search item it will show us all related topics within the website.

Precondition:

- The user should be in the e-SToPP.org website
- The website or Mobile app should be in the running state

Input:

- The user should input the search topic

Expected Result

- All search result will be available here.
- Then if he/she select any item and press the enter button then it will show the corresponding document , Thanks- Working OK

TEST: SEARCH FAILURE

Test Id: Testing#133-TC003

Purpose: If the user input such data that is not available in the website. It will say "No result". Did you mean something related to it.

Precondition:

- The user should be in the Mobile App or in the home page of Website
- The App or website should be in the running state

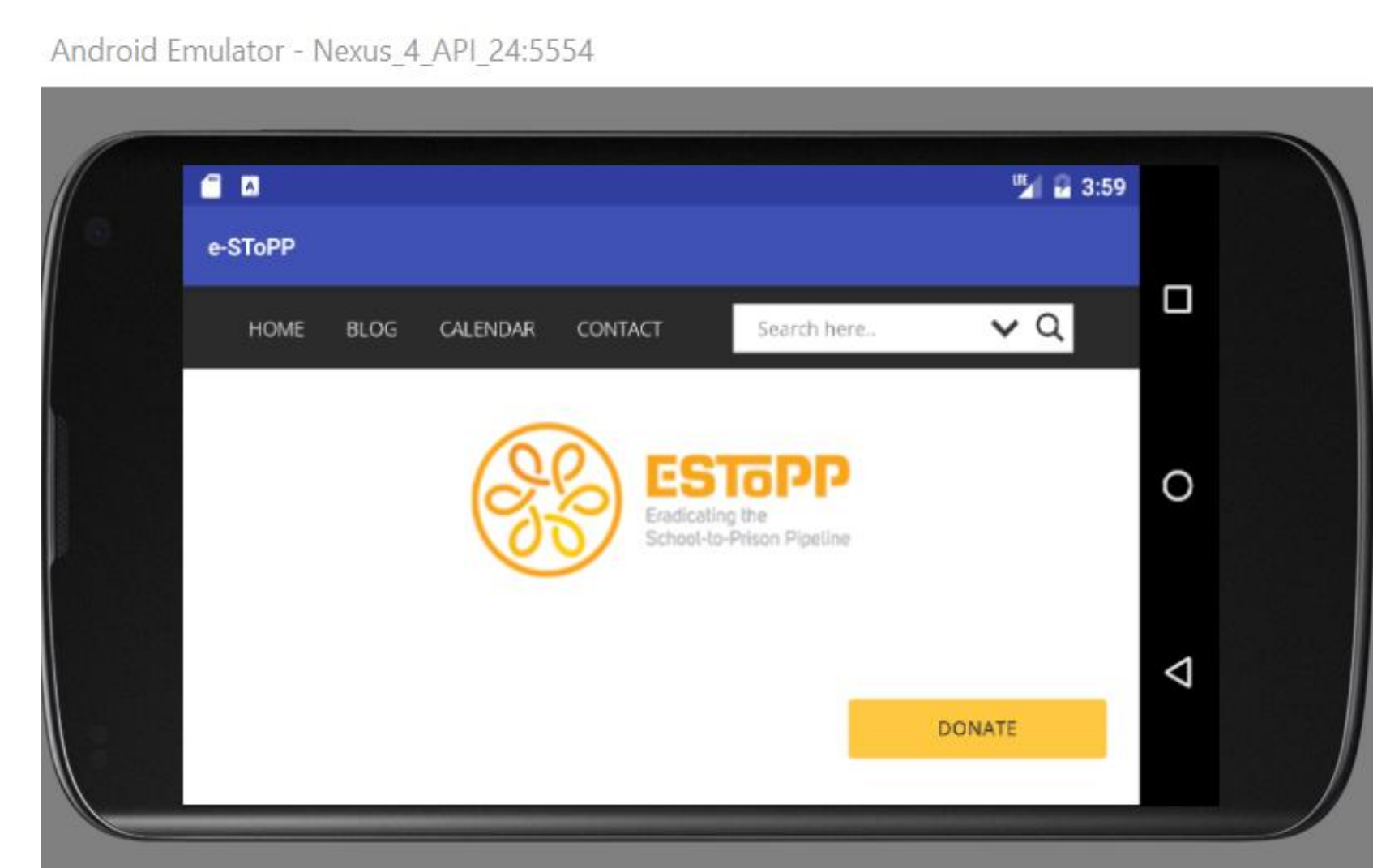
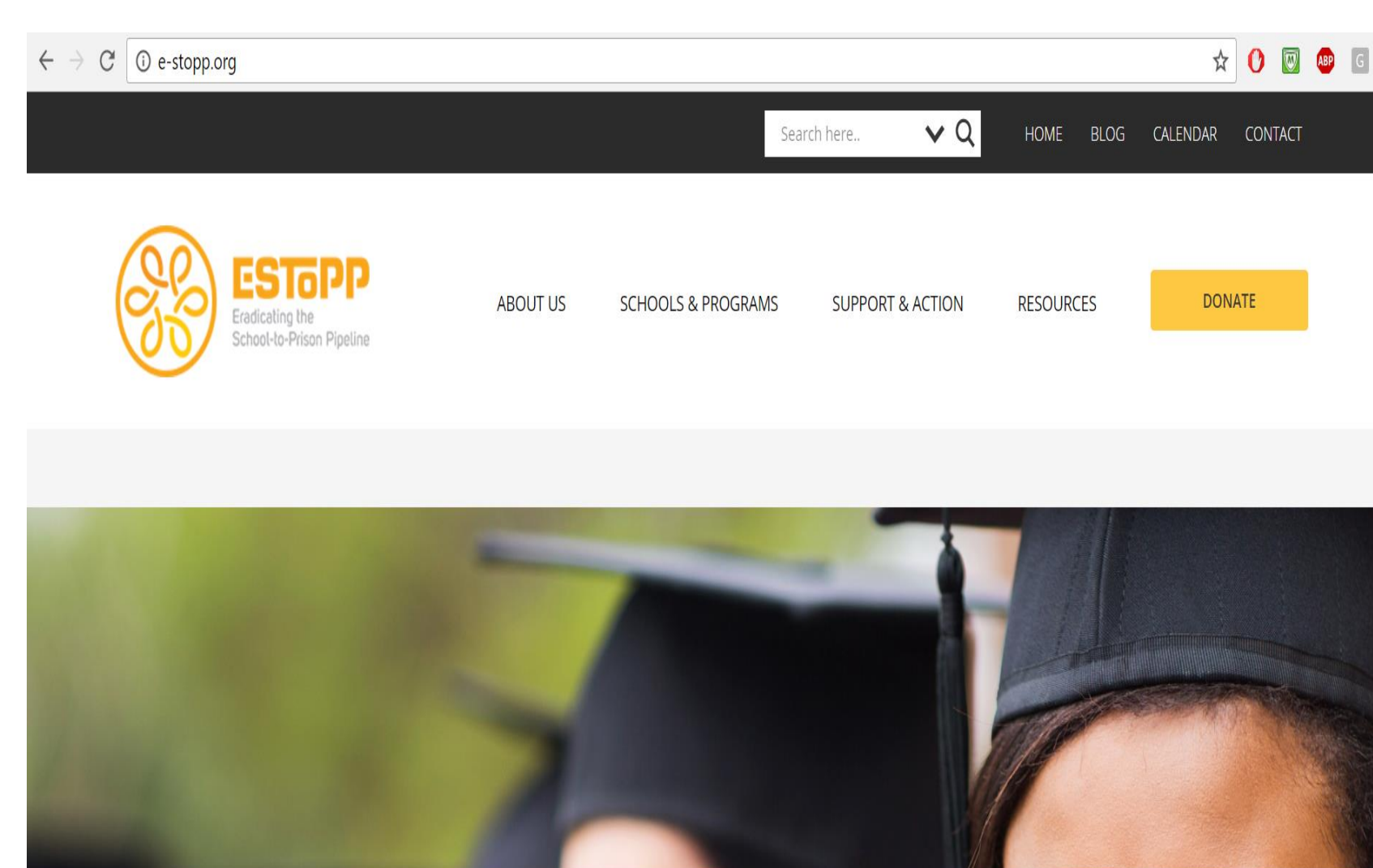
Input:

- The user should input data that is not available in the website.

Expected Result

- We get:" No Result. Do you mean something close to it".-working ok

Screenshots



Summary

Personal Reflection:

- Communication between E-SToPP subscriber and management system has improved via dynamic web enable form system
- User Experience improved via Search option.

Overall Outlook:

- E-StoPP has reached a major milestone of functionality.
- The website has enriched with a set of new functionality.
- All the users of E-StoPP can enjoy the mobile application of the website.

Acknowledgement

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