**Talkpush Application Code Documentation**

**Talkpush.html** – talkpush web app user interface

* Create a campaign section

|  |  |
| --- | --- |
| **Description** | **HTML Component Type** |
| Create a Campaign | Header |
| API Key | Input |
| Campaign Name | Input |
| Job Title | Input |
| Street | Input |
| City | Input |
| Region | Input |
| Postal Code | Input |
| Country | Input |
| Short Description | Input |
| Long Description | Input |
| Ats External ID | Input |
| Job Type | Input |
| Salary | Input |
| Salary Type | Input |
| Currency | Input |
| Submit | Button |
| Clear | Button |

* Create a candidate

|  |  |
| --- | --- |
| **Description** | **HTML Component Type** |
| Create a Candidate | Header |
| API Key | Input |
| Campaign ID | Input |
| First Name | Input |
| Last Name | Input |
| Email | Input |
| User Phone Number | Input |
| Source | Input |
| Others | Input |
| Submit | Button |
| Clear | Button |

* Retrieve candidates

|  |  |
| --- | --- |
| **Description** | **HTML Component Type** |
| Retrieve Candidates | Header |
| API Key | Input |
| Submit | Button |
| Clear | Button |
| Campaign Name | Table column |
| First Name | Table column |
| Last Name | Table column |
| Email | Table column |
| Phone Number | Table column |
| School Name | Table column |
| Education | Table column |
| Gender | Table column |
| State | Table column |
| ID | Table column |
| Candidate ID | Table column |
| Shortlist | Button |

**Talkpush.css** - defines the talkpush stylesheet.

**Talkpush.js** – defines the functionality of the talkpush web page.

1. **Function createCampaign()**
2. Validate the input fields:

* Check if the API Key input field is not empty.

- Raised an error.

* Check if the Campaign Title input field is not empty.

- Raised an error.

* Check if the Job Title input field is not empty.

- Raised an error.

* Check if the Country input field is not empty.

- Raised an error.

1. Invoke talkpush Campaign Creation API (<https://my.talkpush.com/api/talkpush_services/campaigns>)

Method: POST

Parameters:

* api\_key
* campaign\_title
* job\_title
* street
* city
* region
* postal\_code
* country
* short\_description
* long\_description
* ats\_external
* job\_type
* salary
* salary\_type
* salary\_currency

1. Convert the response to JSON format
2. If the campaign response is not undefined

Set the Create Campaign **API key** input field to create candidate **API key** input field.

Set the Create **Campaign ID** response to the Create Candidate **Campaign ID** input field.

1. If the message response is not undefined
   1. If Campaign ID is not undefined and not empty
      1. Display the created **Campaign ID**
   2. else display the message response
2. if the response is not undefined
   1. If Countries is not undefined
      1. Iterate the available countries
      2. Display the error with the available countries
   2. Else display the response
3. **Function createCandidate()**
4. Validate the input field.
   * Check if the API Key input field is not empty.

- Raised an error.

* + Check if the Campaign ID is not empty

- Raised an error.

1. Invoke talkpush Candidate Creation API (https://my.talkpush.com/api/talkpush\_services/campaigns/"+[campaign ID]+"/campaign\_invitations?api\_key="+[API Key])

Method: POST

Parameters:

* api\_key
* first\_name
* last\_name
* email
* user\_phone\_number
* source
* other

1. Convert the response to JSON format.
2. If error is not undefined
   * Display the error
3. If message is not undefined
   * If ID is not undefined
     1. Display the Candidate is Created message and Lead ID.
     2. Set the Create Candidate **API key** input field to Retrieve Candidate API key input field.
     3. Set the Create Campaign ID to the Retrieve Candidate Campaign ID input field.
     4. Invoke retrieveCandidate() function.
   * Else display the message
4. Else if response is not undefined
   * Display the response
5. **Function retrieveCandidates()**
   1. Validate the input field.
      1. Check if the API Key input field is not empty.

- Raised an error.

* 1. Invoke talkpush Retrieve Candidate API (https://my.talkpush.com/api/talkpush\_services/campaign\_invitations?api\_key="+[API Key]+"&filter[campaign\_id]="+[Campaign ID])

Method: GET

Parameters:

* api\_key
* filter[campaign\_id]
  1. Convert the response to JSON format
  2. If error is not undefined
     1. Display the error
  3. If message is not undefined
     1. Display the message
  4. If response if not undefined
     1. Display the response
  5. Create the Candidate Table result iterating the candidates
     1. Column Header:
        + Campaign Name
        + First Name
        + Last Name
        + Email
        + Phone Number
        + School name
        + Education
        + Gender
        + State
        + ID
        + Candidate ID
        + Shortlist
     2. Iterate the Candidate list and add a Shortlist button in each
  6. Set the TalkPush data to the HTML candidates table.

1. **Function shortListCandidate()**
   1. Invoke talkpush Candidate Shortlist API

(https://my.talkpush.com/api/talkpush\_services/campaign\_invitations/"+[ID]+"/"+[Shortlist Status])

Method: PUT

Parameters:

* + - Api\_key
    - ID
    - Status
  1. Convert the response to JSON format
  2. If error is not undefined
     1. Display the error
  3. If message is not undefined
     1. Display the message
  4. If response if not undefined
     1. Display the response
     2. Invoke the retrieveCandidates() function

1. Function clearButtonCampaign()
   1. Clear all the inputs in Create Campaign section.
2. Function clearButtonCandidate()
   1. Clear all the inputs in Create Candidate section.
3. Function clearclearButtonRetrieve()
   1. Clear all the inputs in Retrieve Candidate section.

**Talkpush Setup/Run Instruction**

1. HTML, CSS and JavaScript should reside on the same directory.
2. Open the HTML file thru a web browser (e.g. Google Chrome, Mozilla Firefox, Internet Explorer or Safari)