# Plug-ins used in SpotCrowd application

# JQuery

Download link: <http://blog.jquery.com/2012/09/20/jquery-1-8-2-released/>

Version: jquery.min-1.8.2.js

Purpose  
jQuery plugin is used all-over to simplify client-side scripting of HTML and support creation of powerful and dynamic webpages.

# Bootstrap

Version: bootstrap v2.3.2

Download link: <http://getbootstrap.com/2.3.2/>  
Components: bootstrap.js, bootstrap.css and bootstrap-responsive.css

Purpose  
Used in conjunction with jQuery, Bootstrap plug-in provides HTML and CSS based design templates for forms, buttons and navigation. Bootstrap is also used to ensure compatibility to all modern web browsers and provide a responsive design. Hence, the application can be better viewed not only in the desktop browsers but also in hand held devises. bootstrap.js is used to take advantage of the additional UI elements such as dialog boxes, tooltips and carousels.

# JQuery UI

Version: jQuery UI - v1.9.2

Download link: [http://jqueryui.com](http://jqueryui.com/)

Components: jquery-ui-1-8/jquery-ui.css, jquery-ui.js, jquery.ui.core.js, jquery.ui.widget.js, jquery.ui.dialog.js and jquery.tablesorter.js

Purpose  
jQuery UI is used for dialog boxes and the “select” functionality in the Home page.

# Maxlength

DOWNLOAD LINK: <https://github.com/mimo84/bootstrap-maxlength>

Component: bootstrap.maxlength.js

Purpose  
Used to display and validate the maximum length of the field where the user is inserting text. Used in various forms spanning the entire web application.

# Mask validator

Version no: jquery.mask.js    v1.3.0

Download link: <https://github.com/igorescobar/jQuery-Mask-Plugin>

Purpose  
Used to mask DOM elements while their content is loading or changing to prevent user interactions and inform that some background task is still running. Used in forms throughout the application. jQuery v1.2.3 or higher is required to be able to work with this plug-in.

# Timeline.js

Version: timeline.js v2.5.0

Download link: <http://timeline.knightlab.com/>

Components: Timeline.css, Timeline.js version 2.5.0

Purpose  
Timeline JS is an open-source plug-in that enables its users to build visually, rich, interactive timelines. We have used it in our application to display the activity of their target audience on any given day. The timeline feature is displayed as a Grid Timeline for each user on their Home page.

# Venn diagram

Download link: <https://github.com/mbostock/d3>

Components: venn.js, d3.v2.min.js

Purpose  
Venn diagrams are shown in the SpotCrowd application with the help of D3 and Venn.js. They represent the similarities between the logged in user and the users available in “Match & Connect” block. The library compares the data available for each user and displays the Venn diagrams. These diagrams are available for all the user types – Broker Dealer, Investor, Start up, Service Provider and Platform owner.

# jsCarousel

Download link: <http://www.egrappler.com/contents/jsCarouselv2/demo/jsCarousel-2.0.0.htm>

Components: jscarousel.css and jscarousel.js

Purpose  
Plug-in used to slide images in a specified direction in the home page of each logged in user. For a Start-up user, the image slider slides the images for Investors and Platform Owners. Similarly for Investors, the images in the slider will be of Start-ups, Platform Owner and Broker Dealer.

# TagsInput (for keywords)

Download link: <http://xoxco.com/projects/code/tagsinput/>

Components: jquery.tagsinput.css and jquery.tagsinput.js

Purpose  
While entering the Business plan, the Start-up user can choose to highlight words and sentences of his choice to grab the attention of the Investor. On entering the relevant information in “Keywords” and “Sentences” fields of Add Business Plan’s Summary section, the information will be highlighted when the user clicks and views a Business Plan.

# Scrollbar

Download link:<http://www.baijs.nl/tinyscrollbar/>

Version: jquery.tinyscrollbar.js, version 1.81

Purpose  
This plug-in is used to provide a nice and elegant way to enable the scrolling of content on mobile and desktop devices. Used throughout the grids in the inner pages where scrolling is necessary.

# Gauges

Version: jquery.jqGauges.min.js v3.8.2.0 ([http://www.jqchart.com](http://www.jqchart.com/))

Download link: <http://www.jqchart.com/Download.aspx>

Components: jquery.jqGauges.css, jquery.jqChart.css, jquery.jqRangeSlider.css and guage.js

Purpose  
The plug-in is used to display the gauge in the Home page. The gauge displays the sentiment for each project based on the views, likes and comments of each project on various social media platforms. Selecting a project will show a movement in the gauge displaying the sentiment for that project.

# Maxlength

Download link: <https://github.com/mimo84/bootstrap-maxlength>

Component: bootstrap.maxlength.js

Purpose  
Used to validate the maximum length allowed for various fields in the forms present in the application.

# Modernizr

Version: moderniz.js     2.5.3

Download link: <http://modernizr.com/resources/>

Purpose

Modernizr plug-in does feature detection and identifies whether the current browser has implemented a given feature so it can use the native feature available with the browser. In case of un-supported features, the plug-in creates fall-backs.

# TabContent

Download link: <http://www.dynamicdrive.com/dynamicindex17/tabcontent.htm>

Components: tabcontent.css and tabcontent.js   v2.0

Purpose

This plug-in is used to display content on tabs. Used across the application in various sections like Home Page (all users), Business Plans, Showcase and Choose projects to name a few.

Heatmap.js  
Download link: [http://www.patrick-wied.at/static/heatmapjs/#](http://www.patrick-wied.at/static/heatmapjs/)

Purpose  
Heatmap.js is an open source JavaScript library used for generating web heat maps with the HTML5 canvas element based on our data. The plug-in is used to highlight the frequently viewed sections of a business plan.

Sticky Notes and Emoticons (Customized)   
Download links: <http://www.jquery-sticky-notes.com/>, <https://github.com/uestla/jQuery-emoticons-plugin/blob/master/jquery.emoticons.js>

Purpose  
This customized plug-in enables the users to add notes to each of the business plans they upload to the application. Emotions are not part of the initial Sticky notes plug-in, hence we have integrated Emoticons to enable users to add mood messages to the notes.

ShareThis  
Download link: <http://sharethis.com>

Purpose  
This plug-in enables the user to share the News and POV’s on various social media platforms. News and POV’s section is not available for Start-ups.

# API’s used in SpotCrowd application

# Google Maps

Download link: <https://maps.googleapis.com/maps/api/js?v=3.exp&sensor=false>

Purpose: Used to integrate Google maps to SpotCrowd application. The maps are displayed in the Projects section of the Home page and Business Plans in Showcase section.

# Fusion Charts

Version: fusioncharts/3.3.1-sr2.19840

Download link: <http://www.fusioncharts.com/>

Components: chart.js, FusionCharts.js, ProjectCharts.js and bplanChart.js

Purpose  
Fusion charts API is used to display the trends of various campaigns over a period of time on the available CF models – Equity, Donations, Rewards and Debts. The various type of charts shown are Line Chart, Pie Chart (2D and 3D), MSLine Chart, Pyramid chart, Column 2D chart, Radar Chart and World map. The charts are available for all user groups – Broker Dealers, Investors, Platform owner and Service Providers.

# LoginRadius

Download link: <https://hub.loginradius.com/include/js/LoginRadius.js>

## Purpose LoginRadius API enables users to login to SpotCrowd application with either of the following 6 social media login credentials – Facebook, LinkedIn, Twitter, Google+, Yahoo and Microsoft accounts.

CloudSponge  
Download link:<http://CloudSponge.com>

Purpose  
This plug-in is used to import all the Social media contacts and send invitations to those contacts to encourage them to become a part of SpotCrowd.

Semantria  
Download link: <https://semantria.com/api>

Purpose  
Semantria API is used to generate a sentiment score for a project based on the views, likes, comments about them from various social media platforms like YouTube, LinkedIn, Twitter, Facebook etc. Semantria connects to the social media platforms with the help of their respective API’s. For Business Plans, sentiment is generated by capturing the POV’s, for which Semantria generates the score.

# Tools

SearchBug   
Download link: <http://www.searchbug.com/>

Purpose  
The tool is helpful in verifying the identity of a user. The SearchBug provides access to a range of sensitive data including Phone no, criminal record, Death records, Phone trace etc. to name a few.

Talend  
Download link: <http://www.talend.com/download>  
  
Purpose   
Talend is the ETL tool used to perform transformation and loading activities across the application. By running a batch job, we fetch the Projects information from various Crowd Funding platforms into a file. Using Talend, we FTP those files and transform the data before loading it to the database. This information is now fetched from the database and displayed in the Home page of our application as CF Projects.