
FUNCTIONAL REQUIREMENTS

For the **VisoCast** website.

FUNCTIONAL OVERVIEW:

- The website has to be viewable and easily navigatable on televisions, smart phones, tablets, laptops and desktop computers
- Users will have a sign in window
- Users will be able to review their profile, privacy and account settings
- The content will be searchable based on the user input
- Content will be suggested to the user based on their user profile when they subscribe, as well as their search history
- Users will be able to share with other users of Visocast and have discussions
- Users will be able to create playlists
- Users will be able to interact with content by adding these items to the content: comments, likes, add to their own playlists, add social emojis/reactions, add a rating
- Users will be able to follow other users
- Users will be able to share with friends and followers on social media sites such as Facebook, Twitter, Pinterest...
- Users will be able to upload their own content
- Users will also be able to navigate thru site by swiping left and right
- The website has to be AODA compliant

The following tables describe the different requirements for the site.

#	Requirement	Details
1	Assisted Search	Before a user starts their search they will be able to click radio buttons to indicate if they want to search only for images, audio or video. These buttons by default will always be checked, the user can change the defaults in their settings page. User can search using any keyword they want related to the content such as: title, subjects, user names, actors, genre, audience, year the movie/video/audio/photo was produced, theme. Keywords will be based on the content placed on the site. After the user types in the 3rd character in the search box a fly-out box below will show results to help the user find what they are looking for. Once the user finishes typing in their search text or chooses an item in the fly-out box they will be taken to a search results screen.

#	Requirement	Details
2.0	Search Results Page	<p>The results are presented to the user in a tile format, ranked according to relevance.</p> <p>The tiles will include corresponding content title, summary text, thumbnail, user review ratings.</p> <p>The title is a link allowing the user to navigate to the individual item detail page.</p> <p>There will be filters set up to narrow down the search results using these criteria: audio only, video, image, ratings and date range.</p>
3.0	Sign Up Page	<p>There will be a sign up page that will pop-up after the user views/ accesses a specific amount of content. A mechanism will have to be able to recognize a users device so that we can keep track of how much content the user has accessed. This page will have to give the user the choice of which subscriber plan he/she wants to sign up for. The user will enter some basic info on this page: first name, last name, address, birthday and credit card info. This info will have to be saved on a secure server so that recurring payments can be made to VisoCast. All of the user info will have to be mandatory when they fill out the sign up form.</p> <p>There also has to be a “Sign Up” button in case a user wants to subscribe before they are prompted by the pop-up window. Once the person has signed up this “Sign Up” button can change to an “Account” button which will take them to their account page.</p>
4.0	Account Page	<p>The account page will have to have options and preferences set up for the subscriber: “Username” “Password” “Parental Controls” “Include Commercials/Exclude Commercials” “Remember this Device option” “VisoCast sharing options” “Social media accounts to be included” “Social media sharing options” “Social media usernames and passwords” “Profile public or not” “Content Preferences - categories to be supplied later” “Language Preferences” “Search Preferences” “Email preference” “Alert Email Preferences” “Navigation Options”. This page may change as the Structure and Skeleton become more refined.</p>
5.0	Users Landing Page	<p>Based on the user preferences that they set up in their Account Page, a users landing page will be set up. This page will have tiled lists showing images/videos/music that the user can swipe left and right to choose what they might be interested in. These tiled lists will be different sizes based on what type of device they are using. For smart phones the minimum number of tiles on the screen will be 3 columns by 4 rows, with a way of ensuring that the user knows they can swipe left and right to see more tiles, as well they will be able to swipe up and down. If they can't swipe - there will arrows so they can be clicked on. Each row of tiles will be a category based on their preferences and history.</p>
6.0	Upload Page	<p>This page will have specifications for the different types of content the user can upload. The user will be required to enter this info to be associated with the files they are uploading: name, description, related keywords, “Add to or create playlist” and copyright info. Once the form is filled out the “Upload” button will be clickable, the user can drag and drop their file or search their device for the file. Users will only be able to upload one file at a time so that description info will be collected for each file.</p>

#	Requirement	Details
7.0	Navigation	All pages will have a navigation bar at the top except for mobile devices which will have a 'hamburger' menu. All media sizes will also allow the user to navigate from page to page by swiping left and right. The user can add and remove which pages show up in the swiping option in their account settings. The details of the menu items will become more clear as the Structure and Skeleton is set up.
8.0	Content Pages	These pages are the individual pages for each image/audio/video upload. This page will have a thumbnail, content playing functions (play, stop, pause, volume, playback speed, playback resolution). There will also be a description by the creator. Social functions will be based on the sharing icons which allow the user to share this content with other VisoCast users or social media accounts. Other users will be able to leave comments, add to their playlist, like, follow, social reaction emojis and add ratings based on 5 stars. Suggested related and linked content will also be on these pages displayed as thumbnails with short descriptions. These pages can be marked as public or private by the creator of the content.
9.0	Playlists	This page will show the Playlists that the user has created. There will be a button to "Create New Playlist", the user will enter a name for this list and then they will click a "Create" button and an empty playlist will be created. This page will be made up of tiles that are organized in rows, similar to the search result pages. The user can indicate if a list is public or private. The user can also restrict a playlist to just images, audio or video.
10.0	Information Pages	Pages will need to be made for Terms and Conditions, Privacy Policy and Company Info. The content for these pages will be supplied later.
11.0	Feedback Page	A page will need to be made so that the user can enter a request for help or to submit feedback regarding the website or their account. This page will involve a form. The content and requirements for this form will be supplied later.
12.0	Sharing and Add to Playlist Modal Window	When a user wants to share their content or add to their playlist by clicking on the appropriate icon, a modal window will pop up with their choices that they have set up in their preferences. Once they've chosen their action, they will be given an option to include a comment about the content they are sharing/adding to their playlist. Once they are finished leaving a comment or not they can hit the "Share" or "Add" button, a link with their comment will be placed on the chosen platforms site. This includes sharing to the users VisoCast sharing page (see below).
13.0	VisoCast Profile Page	Each user will have a VisoCast profile page, the user can set up this page to include details about themselves that they choose to. This page will display the images/audio/videos as a tiled setup similar to the playlist page. This page will show their content, playlists, shared content, liked, followed, rated, reacted to and commented on, in rows based on those categories. This page will also have a comment section where the user and other VisoCast users can have discussions. This page will also show a clickable list of this users followers, these will link to other VisoCast User Pages. Visibility and privacy settings for this page can be adjusted on the account page.