Functional Specifications Document

Client: Acme Interactive
Solution Architects: You

Introduction

The purpose of this document is to detail the design solution for the Acme Search Web Application project. This document will serve as the detailed design baseline for both the Desktop and Mobile Web Applications and will provide a basic description of its expected use and functionality. The audience for this document is the client, project manger, and UI designer / developer.

Project Description

The Acme Search Web Application will be an application that lets users search for specified items. Basic functionality should let users enter criteria to search for, show a detailed listing of the results brought back and a manner in which to filter these results. Client is also requesting a detail screen a user would access from the search results screen. Client is open to ideas on what kind of items the application searches for.

Proposed Solution Outline

The following is an outline of the applications base requirements. Application Designer is free to add functionality they feel would be beneficial to the applications main intent.

- Application must contain an initial search screen where user would enter search criteria. Modifiers for advanced search will be dependent on what items the application is searching for. Must be relevant to subject matter.
- Application must display a listing of the items retrieved from the search. Client has requested filters to let user refine search results. Filters should support the applications intent.
- Application must now display a detailed view of one of the search results brought back from the search query. Must display detailed information about the item, images of the item (including a detailed image view) as well as "share" functionality.
- Application must contain a login element to authenticate site users. Users should be able to retrieve forgotten login information and direct new users to a sign up process.
- Application must let users create a "library" of items retrieved during search.

The following outlines the extra requirements for the desktop version of the web application. Again, the Application Designer is free to add functionality they feel is beneficial to the supported task.

- Home Page of desktop app should explain the application and give users a way to get started. Home page must also display a site login and a new user sign up process.
- Sign up process must capture basic information needed to open an account.
- Layout must accommodate 300px wide ads on all screens.

Delivery Considerations

The following design considerations shall be adhered to when developing the UI for the web application:

- The Desktop UI will be designed to be resolution independent (liquid layout) or statically for a 17-inch monitor running 1024x768 resolution (maximum 960-pixels wide).
- Mobile UI will be designed for use with major smart phone manufacturers. Basic screen dimensions will be 640(w) x 960(h).

Design Considerations

The following design considerations have been defined to ensure a successful website experience for the Acme Movie Review website

Theme and Color
The UI developer will determine the overall theme, including labeling and color scheme for the UI. The theme of the UI will be consistent throughout the user experience and must reflect the end audience.

Physical Layout
The UI developer will determine the physical layout of each screen. The physical layout should reflect the main intent of the screen. Layout will incorporate the overall aesthetics of the UI and will be consistent throughout the user experience.

Images
The UI developer will determine the graphic treatment (if any) of the supplied content images. The images should be relevant to subject matter and work with the aesthetics of the UI. Must be consistent throughout the user experience.

Text Content
The UI developer will determine the text content treatment (if any) for the UI. The text treatments should reinforce the aesthetics of the UI.