
Shrugs

Project Charter

Shrugs

Helps

Regular

Uusers

Generate

Sites

Problem Statement:

Shrugs is a web application that will allow for simple website layout/design for unskilled website programmers. It will be a Java application with a GUI utilizing the Swing package.

Project Objectives:

The project will present to the user (who we will expect to be someone of less knowledgeable background of technology/web development) a simple and intuitive Java application that will allow for basic website design using shapes and templates to build a simple website of their own. Users will be able to draw a site layout using a WYSIWYG interface. Snap points will be created and adjusted automatically to ensure a clean format. Sites can be exported in a project format for later editing or in a complete HTML/CSS format for deployment. Code will be sufficiently clean to allow a knowledgeable web developer to work on the site through a normal text editor.

Stakeholders:

Project Coordinator, the teaching assistant that will oversee our project progress. Software Engineers, the students that will design and build the application for user use and de-bug learning purposes. Software Debuggers, students from another team that will review and debug our project of anything that we might miss and/or add. The end user / customer, who will use the application to build personalized websites (We are planning for a non-tech savvy user).

Project Deliverables:

Shrugs will enable users to easily create websites with a graphical what-you-see is what-you-get editor. The interface will allow the users to visually design a website, without needing web development knowledge, and then export the design into valid HTML and CSS. Basic features should include the following:

- The ability to simplify the creation of major HTML elements to the click of one button.
- An editor that renders the content of the page as it currently is.
- The ability to save and load website project files into the application.