

PROJECT REQUIREMENTS DOCUMENT

Project Name

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Functional Requirements

Our team will design and develop a web-based software application supplying information on the topic of Mushrooms. We will accomplish this by utilizing project/software engineering management principles, a domain-driven design approach, with a Model-View-Controller (MVC) architecture/pattern.

After the project is complete there will be a user interface that includes interactive features to enable visual data interactions. The users will be able to sign up and create an account to further view the details of the mushrooms. There will be a login and log out function. A user will be able to search for a specific mushroom they are interested in with the search bar. They will also be able to utilize a scroll bar to view mushrooms as well as pin mushrooms based on location for ease of access later. We will store data for the mushrooms in a database.

Technical/Performance Requirements

The web-based software application will be programmed with a combination of HTML, CSS/Bootstrap, JavaScript, MongoDB (or PHP/MySQL). The finished project will be able to be run on all types of devices and displayed on all types of monitors. The project can also be publicly accessible through GitHub.