

Indra Portfolio

Description: This is my portfolio project, in this project I am going to create a portfolio site which I can use as my personal portfolio.

Technical Information: This project is going to be created in Ruby On Rails web framework which is written in Ruby programming language, we will be using various gems available for Rails like Devise, Petergace, Kaminari etc. We will use MySQL as a database for our backend development, the project will also use JavaScript frontend libraries like HTML sortable and JQuery, we will be using Git and GitHub as our version control system.

Features of the application:

The main objective of our application is to provide information about the author(in this case me) to the visitors of the portfolio, in order to achieve this goal as an author of the site I will need following features to be there in the application.

1. As an author, I should be able to manage the content of my portfolio page.
2. As a visitor anyone should be able to watch my portfolio page.
3. As an author, I should be able to post and manage my work sample examples on site.
4. As a visitor, anyone should be able to watch and comment on my work sample examples on site.
5. As an author, I should be able to post and manage my blogs.
6. As a visitor, anyone should be able to watch and comment on my blogs.
7. There should be a contact page in the site so that any visitor can easily get information about how to contact me.
8. Before making a comment a user must be authenticated either via Devise or Google.

Technologies which will be used in the project:

- **Front-End**

1. HTML.
2. CSS.
3. JavaScript.
4. BootStrap.
5. JQuery.
6. Embedded Ruby.
7. HTML Sortable.
8. Font Awesome.

- **Back-End**

1. Ruby On Rails.
2. MySQL as a Database.

3. Puma as a web server.

- **Gems**

1. MySql2.

2. OmniAuth.

3. Cocoon.

4. Devise.

5. CarrierWave.

6. BootStrap.

7. Redis.

8. Kaminari.

9. Font-Awsome-Rails

Security Features of Application: The application will be secured by the Devise and Google authentication the passwords of the users will be secured by the Bcrypt encryption that means in any case no one will be able to get the password and secret information of users.

Cost Estimation: As myself I am developing the application so the developer cost will be zero and most of the technologies we are using are open source so the product cost would also be zero.

Time Estimation: As per the size and functionality of the project it would take around fifty to sixty days in the development of the application.

Development Progress Tracking: We will use pivitoltraker.com for tracking the development progress of our project in other words it means that we will be using the agile methodology for the development of our project.

Conclusion: At the end of the day we can conclude ourself by saying that if everything will go according to our estimation then we will be having our app running by the end of September.

09/08/2018.
Indra Kumar Mhaski.