

ContriFOSS-Website

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Goals

Deploying a fully functional website using Django, to help people get started with open source development.

Timeline

Time Duration	Difficulty	Work to be done
Before July	Moderate	Django Refresher and working on Wireframes
Week 1	Easy	Finalise the UI for the website and start working on the pages (Landing Page and User Profile pages)
Week 2	Moderate	Implementation of user registration (also using Gmail, LinkedIn or GitHub) and email verification for the same.
Week 3	~	Catching up on any unfinished work and dealing with issues that might come up as we progress. <ul style="list-style-type: none">• Feedback• Documentation• Testing
Week 4	Moderate	<ul style="list-style-type: none">• Writing the models for projects and organisations• Using APIs for web scraping and parsing the stored JSON.
Week 5	Hard	<ul style="list-style-type: none">• Implement a search function to search through the data and

		<p>display the ones which closely match the query.</p> <ul style="list-style-type: none"> • Make a functional blog where users can share their thoughts, work and other interesting stuff. (They can also upload or download any published papers here)
Week 6	Hard	<p>Designing the Projects Page and integrating this with backend which will display the projects category wise(easy, moderate, hard).</p> <ul style="list-style-type: none"> • Also provide options to browse through the projects language based (C, Python, C++...)
Week 7	~	<p>Catching up on any unfinished work and dealing with issues that might come up as we progress.</p> <ul style="list-style-type: none"> • Feedback • Documentation • Testing
Week 8	Hard	<p>Implement a questionnaire which takes the academic details and the technical background of the user to give them better project suggestions.</p>
Week 9	Moderate	<p>Design pages to display available projects and organisations (applying the filters given by the user). Integrating this with the backend.</p>
Week 10	~	<ul style="list-style-type: none"> • Feedback • Documentation • Testing
Week 11	Moderate	<p>Design pages for individual projects and organisations. Users can also mark the projects as highly interested and interested. They can also choose whether they want to receive mails regarding new issues for the projects that they are interested in.</p>
Week 12	Hard	<p>Check for any gaps that are to be filled in.</p>

		<ul style="list-style-type: none">• Integration• Testing• Documentation• RGSoc Blog
Week 13	~	<ul style="list-style-type: none">• Wrapping up• Feedback• Deployment

Experience

We are both familiar with coding in Python, HTML, CSS and JavaScript. We have also built a website earlier (E-Commerce Website which uses Google Maps API, Django-Paypal and Django-REST-API)