theOGCodeWitcher /
error404Soen6011summer2023

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Sprint 2 Main

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Vignesh Pugazhendhi edited this page 3 days ago · 42 revisions

Video demo of the progress so far

https://drive.google.com/file/d/176OlOu4HIoXBTXK4HCoHoTX1IjxL8Oyb/view?usp=sharing

🔗 User Stories Backlog (for next sprint - Sprint 3)

1. Candidate track application: As a candidate, on my dashboard, I would like to have an applet to keep an eye on all the applications that I have already applied so that I could gain an understanding of where the progress is going.

2. Admin manages user profile: As an administrator, I should be able to manage user profiles and allow users to see and modify their account settings and personal information in their user profiles.

3. Admin verifies job posts: As a system admin, I want to verify each job offer that was added by employees so that students can see the newest job posts and choose to apply with their interests.

4. Admin manages job application track: As an admin, on my dashboard, I want to track the status and progress of job posts from both employers and candidates and monitor the whole employment activity.

Task Breakdown for current sprint (Sprint 2)

Sprint Board :

S.No.	Core Feature (Epic)	Issue ID	User Stories Taken(Story Points)	Owner
1.	Candidate and employer profile UI and APIs	#51	As a candidate or employer, I should be able to edit my profile page as many times as I wish to.	jatin51997 / theOGCodeWitcher / VigneshP1505
2.	Resume builder UI and API	#55	As a candidate, I should be able to build my own resume based on the information I provided in profile page.	VigneshP1505
3.	Add jobs feature	#57	As an employer, I should be able to add jobs/openings for my company.	theOGCodeWitcher / nithincode-s /

4.	Browse jobs feature	#63	As a candidate, I should be able to browse jobs posted by various employers.	vaishu49 / theOGCodeWitcher
5.	Profile avatar	#66	As a user (candidate/employer), I used be able to add a default user profile avatar.	vaishu49 / VigneshP1505
6.	Apply job	#72	As a candidate, I should be able to apply any job that has been listed.	theOGCodeWitcher / Liuliu-09-17
7.	Show applicants	#77	As an employer, I should be able to see the candidates who have applied to my job posting.	nithincode-s / theOGCodeWitcher / jatin51997
8.	Edit and delete jobs	#79	As an employer, I can edit and delete my job postings any time, irrespective of whether there are some candidates who have already applied for my posting	Liuliu-09-17 / vaishu49

Risk management for user stories of current sprint

User story point (Epic)	Impact	Probability	Counter measures
Resume builder UI and API	In most languages, file writing can be blocking. Since we are implementing a 3rd party library, scaling the API can be intimidating.	Since this project is for academic purpose, probability of application stalling is very less	Bull queue approach can be used where by a new microprocess can be spawned to carry out the write operation
Browse jobs feature	If an employer spams the application by adding 10000s of jobs, then it will affect the overall UX	Again this is an academic project. We assume, an employer adds jobs upto a few hundreds	Infinite scrolling feature, similar to instagram story feed, can be implemented.
Show applicants	It will be nearly impossible to view 1000s of applicants for a single job with the current UI	Assuming this is for academic purposes, probability of this is also very low.	Pagination can be implemented, with applicant listing based on timestamps at which they applied for this particular job.

Open Issues and Plan for Next Sprint

In this sprint, we finished the first two core features of this system which are for employers and candidates. While implementing these, we encountered a few issues such as build a resume from user profile (similar to that of linkedin) but we were able to close them. We reverse engineered linkedin completely and implemented this feature using 3rd party libraries.

Following are the open issues for the next sprint (sprint 3):

https://github.com/theOGCodeWitcher/error404Soen6011summer2023/issues/92 - User story point 4
https://github.com/theOGCodeWitcher/error404Soen6011summer2023/issues/91 - User story point 3
https://github.com/theOGCodeWitcher/error404Soen6011summer2023/issues/90 - User story point 2
https://github.com/theOGCodeWitcher/error404Soen6011summer2023/issues/89 - User story point 1

For the next sprint, we planned to work on the next two features: Track the applications by candidates, and the admin will manage all user profiles, postings, and tracking. We will also try to improve the corresponding interface for different user identities such as student, employee, and admin. After each member completes the assigned tasks, we will integrate each branch and test each function. According to the feedback of our results, we will do refactoring and adjustments for our next sprint.

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