

# SmartHirePRO

Team Kodak

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# TEAM MEMBERS



**Seungah  
Choi**  
Full Stack  
Developer



**Sreeja  
Reddy  
Karukonda**  
QA Analyst and  
DBA



**Hrushikesh  
Joshi**  
Backend / Data  
Engineer



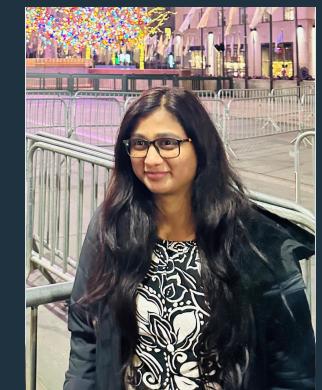
**Yadu  
Vamsi U**  
Full Stack  
Developer



**Sujay Sail**  
Devops Engineer



**Aashlesha  
Shirole**  
Front-end  
Developer



# TEAM MEMBERS CONT.



Ashish  
Sudam  
Data Engineer



Yash Jani  
Front-end  
Developer, Site  
reliability  
engineering  
(SRE)



# Improvements!

- <p> Action items are more specific on the retrospectives </p>
- <p> Specific algorithms are added </p>
- <p> Architecture diagram is improved </p>
- <p> Improved test cases</p>





Project Name:	Smart Hire Pro
Team:	Kodak
Project Description:	Our project aims to create a job recommendation system that provides the user with a targeted list of jobs based on the skills and experience in the resume of the user
Benefit Outcomes:	Users can monitor their skill gaps to enhance their future job search strategies. The idea suggests an improved approach to applying or searching for a job in the hopes of reducing failed job applications.
Github Link:	<a href="https://github.com/htmw/2024S-Kodak/wiki">https://github.com/htmw/2024S-Kodak/wiki</a>



## PROJECT DESCRIPTION



# Team Working Agreement

Team Kodak      SmarthirePro      CS691 (21669) SPRING 2024

## Team Agreement

---

### Communication

- Team will communicate with each other through slack and WhatsApp.
- There are going to be weekly overall team meetings, where all the 8 members are required to join, on every Saturday at 4PM. Fail to join will affect on the team negatively and their participation in the team.
- Technical team meetings, where front-end and back-end developers have their weekly meetings, on every Tuesday at 9PM. Fail to join will affect on the team negatively and their participation in the team.
- AWS DB team meetings, where all the DB team members have their weekly meetings, on every Tuesday at 10AM. Fail to join will affect on the team negatively and their participation in the team.

- Team members are expected to update the team beforehand if they are going to be absent for the meetings and ask to be kept up with what happened in the meetings until the next one.
- Each team member should complete the work before the deadline. In case one was not able to do so, inform rest of the team members so that rest of them can divide the work accordingly.
- 

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### Work division and Participation

- Google workspace, GitHub and slack will be used to track and divide all our work.
- Every Team member must update the team in once in 2 days through slack of their progress, so the team is in the same page.
- The entire project work should be divided into equal parts, and equal responsibilities should be given to all the team members.
- Each team member should complete their part of the work before the deadline. If one is failed to do so, immediately report to the rest of the team members, and ask for assistant.
- In case member is absent during meetings, member must support whichever decision was approved during the meeting.

### Signatures

Team member	Email
Seungah Choi	sc02316n@pace.edu
Yadu Vamsikrishna	vu49059n@pace.edu
Hrushikesh Joshi	hj85754n@pace.edu
Yash Kalpesh	yj16719n@pace.edu
Ashish sudam	as43084n@pace.edu
Aashlesha Shirole	as90561n@pace.edu
Sreeja Karukonda	sk20404n@pace.edu
Sujay Sail	ss36001n@pace.edu

# Maria, the Ambitious Software Engineer

## Demographics:

Age: 24

Location: New Jersey, U.S.

Education: Bachelor of Technology in Computer Science

Experience: none

## Skills and Qualifications:

Proficient in Python, Java

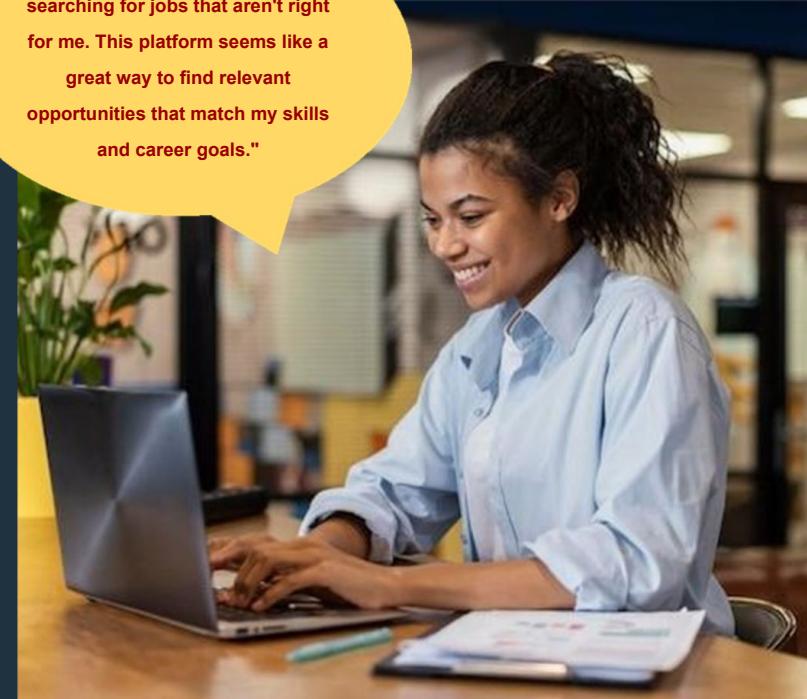
Experience with web development

## Goals and Needs:

Looking for challenging and rewarding software engineering role that utilizes her skills and experience.

Wants to find a job that aligns with her interests and career aspirations.

"I'm tired of spending hours searching for jobs that aren't right for me. This platform seems like a great way to find relevant opportunities that match my skills and career goals."



# Audrey, Film editor

## Demographics:

Age: 24

Location: Amsterdam, Netherlands

Education: Bachelor of Arts in Film

Experience: none

## Skills and Qualifications:

Proficient in adobe suites, Avid Video

Experience with filming with a 16mm camera

Strong communication

Great teamwork abilities

## Goals and Needs:

Searching for a full-time opportunity that uses her degree

To have a personal assistant-like tool that will suggest as many jobs as there are in the market



# Daiman, Technical Support Assistant



## Demographics:

Age: 27

Location: Birmingham, UK

Education: Bachelor's Degree in IT

Experience: 2 yrs

## Skills and Qualifications:

Experience in Technical Support

Certified AWS CPP

100 hrs plus Data Science courses completed

Competed in multiple hackathons based on machine learning on HackerEarth

## Goals and Needs:

Determine to change career paths from technical support to a career in Data science

After countless unfruitful applications, looking job recommendations that encapsulates all his recently acquired skills





# MVP

Core Functionality:

Resume Parsing:

Basic skill and experience extraction using pre-trained models or simple keyword matching.

No complex semantic analysis or advanced natural language processing (NLP) at this stage

Job Search:

Connect to the external Jobseeker API using basic search capabilities based on extracted keywords from the resume.

Initially, return a simple list of matching jobs without ranking or compatibility scoring.

User Interface:

Simple web interface:

Allow users to upload their resumes and receive a list of relevant job postings from reed.co.uk.

No fancy features or complex navigation at this stage.

Metrics and Feedback:

Track basic usage metrics like number of users, resumes uploaded, and job searches conducted.

Gather user feedback through surveys or interviews to understand their experience and pain points.

Key Learnings:

Validate the core concept of using AI to recommend jobs based on resumes.

Identify the most valuable features and functionalities to prioritize in future development.

Gain insights into user behavior and preferences to refine the product roadmap.



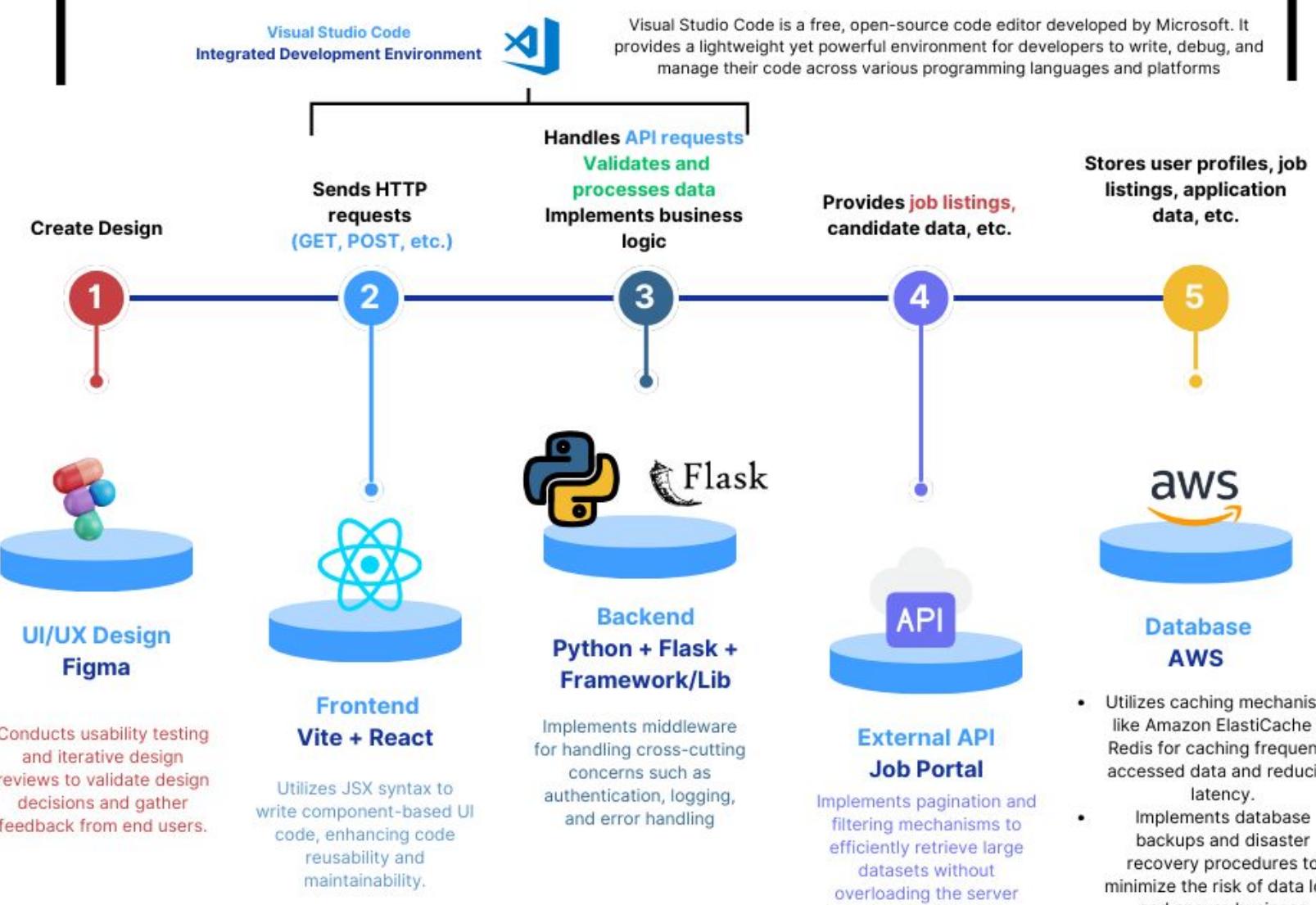
# TECHNOLOGIES

A cloud-based collaboration platform facilitating real-time team communication, file sharing, project management, and integration with diverse tools and services.

Slack  
Communication

Jira  
Project Management

Tracks project tasks, schedules, and progress



# ALGORITHMS



Text Extraction using Regular Expressions -

1. Contact number -

```
(?:(?:\+?([1-9]| [0-9][0-9]| [0-9][0-9][0-9])\s*(?:[.-]\s*)?)?((?:\s*([2-9]1[02-9]| [2-9][02-8]1|[2-9][02-8][02-9])\s*)| ([0-9][1-9]| [0-9]1[02-9]| [2-9][02-8]1|[2-9][02-8][02-9]))\s*(?:[.-]\s*)?)?(([2-9]1[02-9]| [2-9][02-9]1|[2-9][02-9]{2})\s*(?:[.-]\s*)?)?([0-9]{4})(?:\s*(?:#| x\.?| ext\.?| extension)\s*(\d+))?'
```

2. Email - ([^@|\s]+@[^@]+\.[^@|\s]+)



# ALGORITHMS



Extract Name of Job-Seeker from Resume -

1. Load Spacy model - Initialize pre-trained small english language model ('en\_core\_web\_sm')
2. Initialize Matcher - Matcher class of spacy is used to identify patterns in text
3. Tokenize text using nlp.
4. Define Pattern - Define a sequence of two proper nouns (PROPN)
5. Match Pattern - Using Matcher
6. Extract Name



# ALGORITHMS



Extract keywords using YAKE (Yet Another Keyword Extraction) -

We chose this model after considering multiple models as we wanted to extract top keywords. YAKE provides a relevance score for keywords.

Algorithm -

1. Configure parameters for YAKE.
2. Compare extracted keywords with pre-defined skills
3. Use top n keywords for job search



# ALGORITHMS



Generate a Match Score for a Job -

Another pre-trained Spacy model ('en\_core\_web\_lg') is used to generate a Match Score for the resume and job.

Algorithm-

1. The model converts words in texts into high dimensional vectors i.e. Word Embeddings.
2. Then the process of Sentence Vectorization is performed.
3. Then similarity score is calculated for the sentence vectors using cosine similarity.

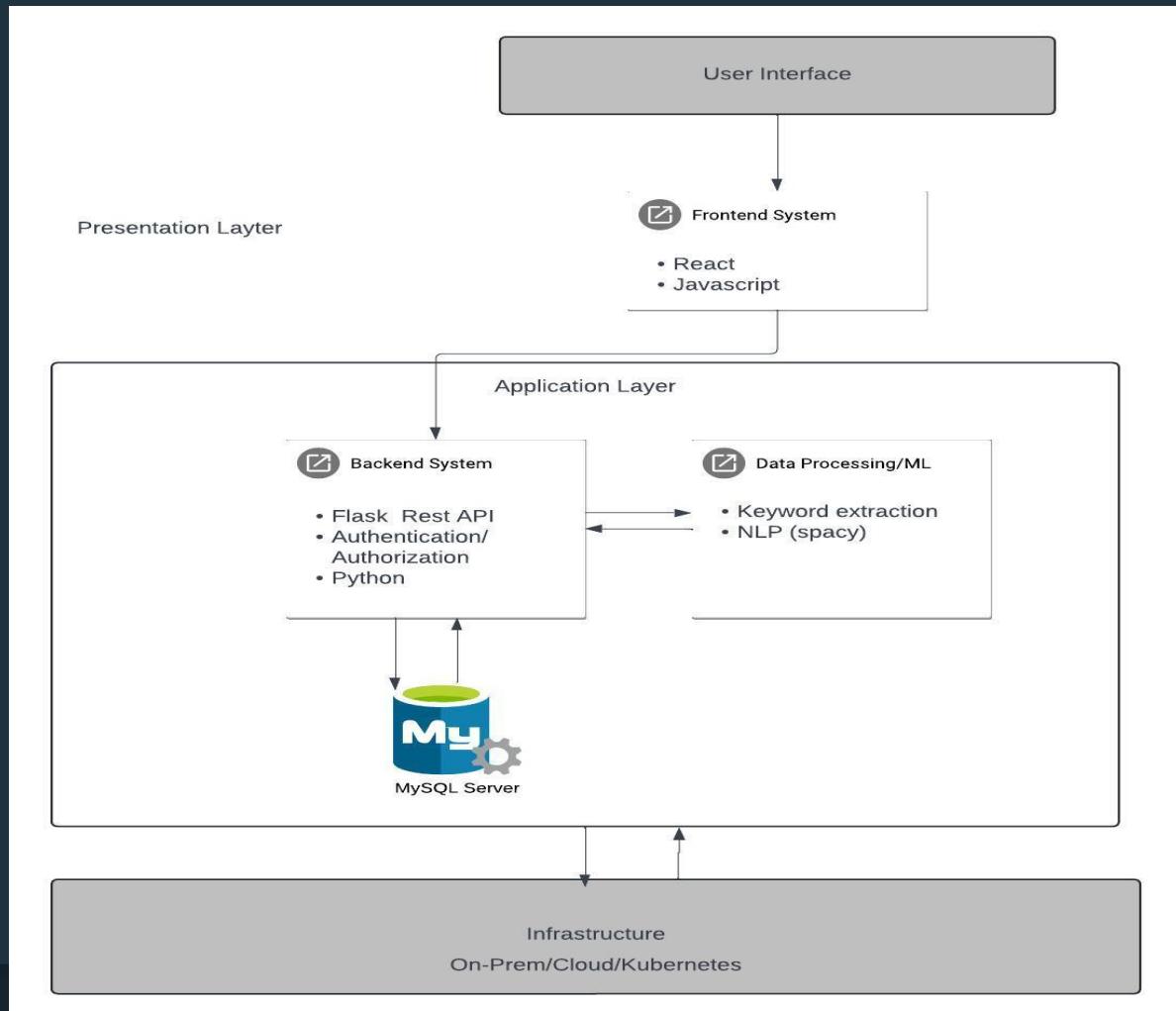




# DIAGRAMS

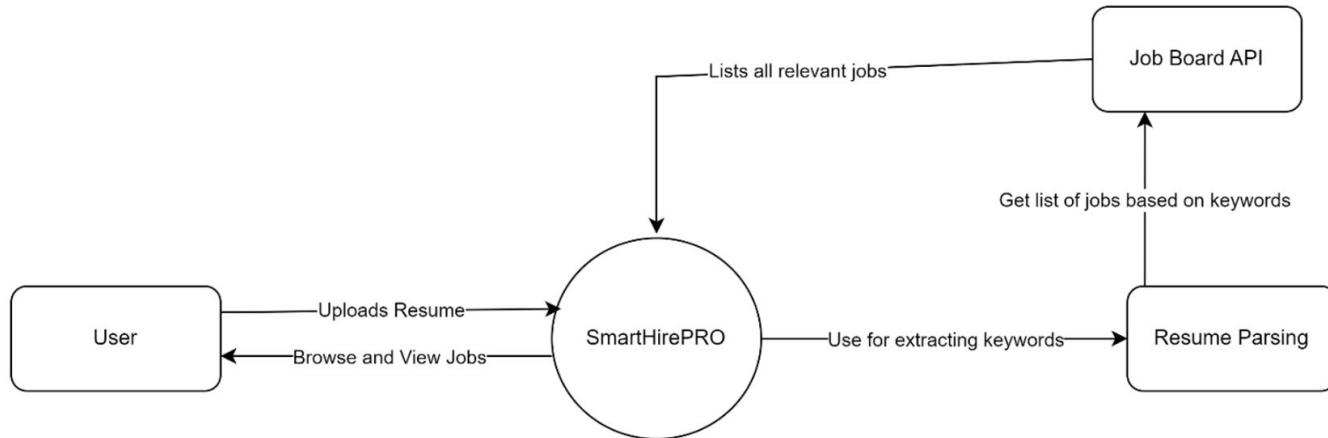


# Architecture Diagram



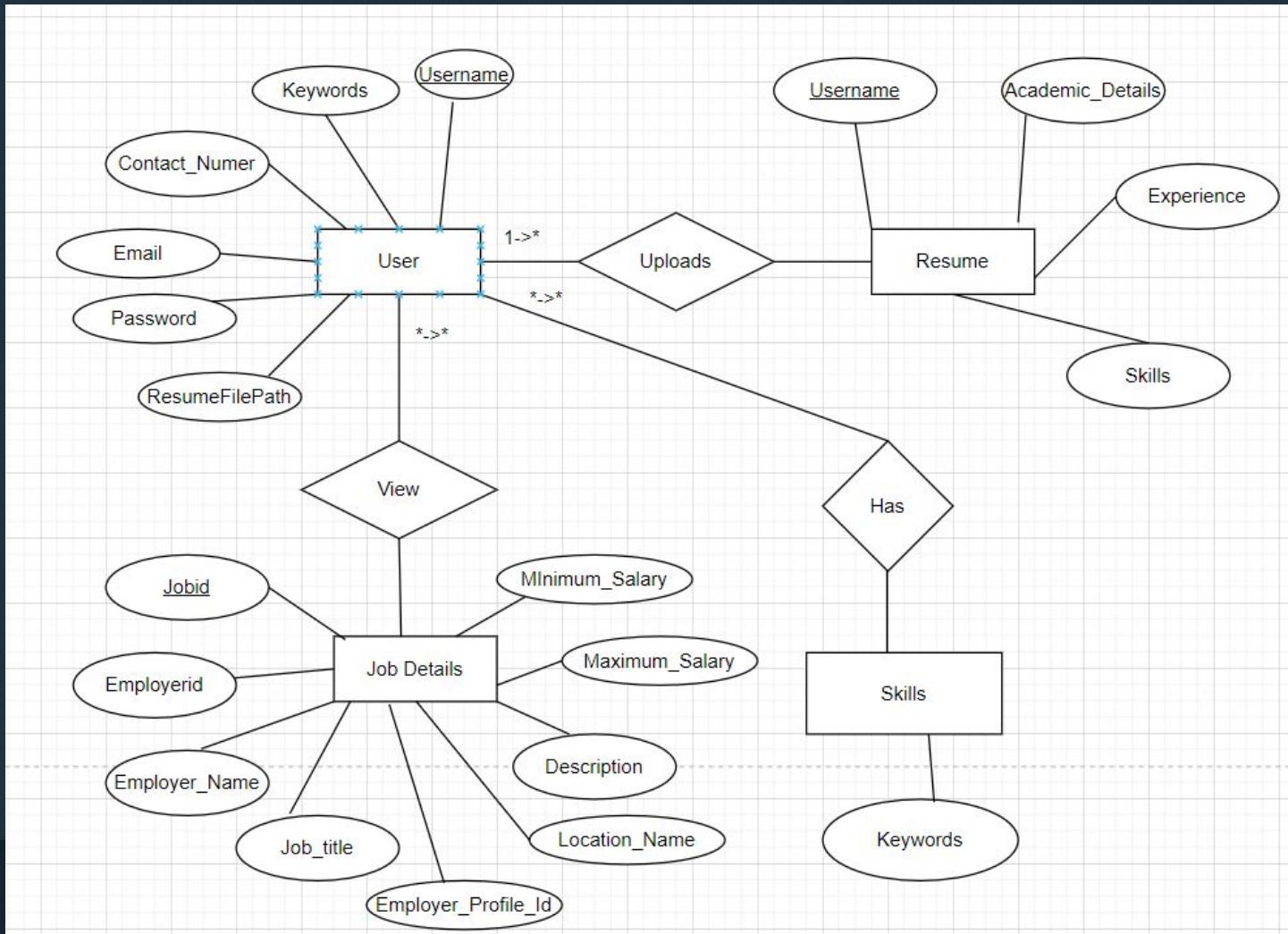


# Context Diagram



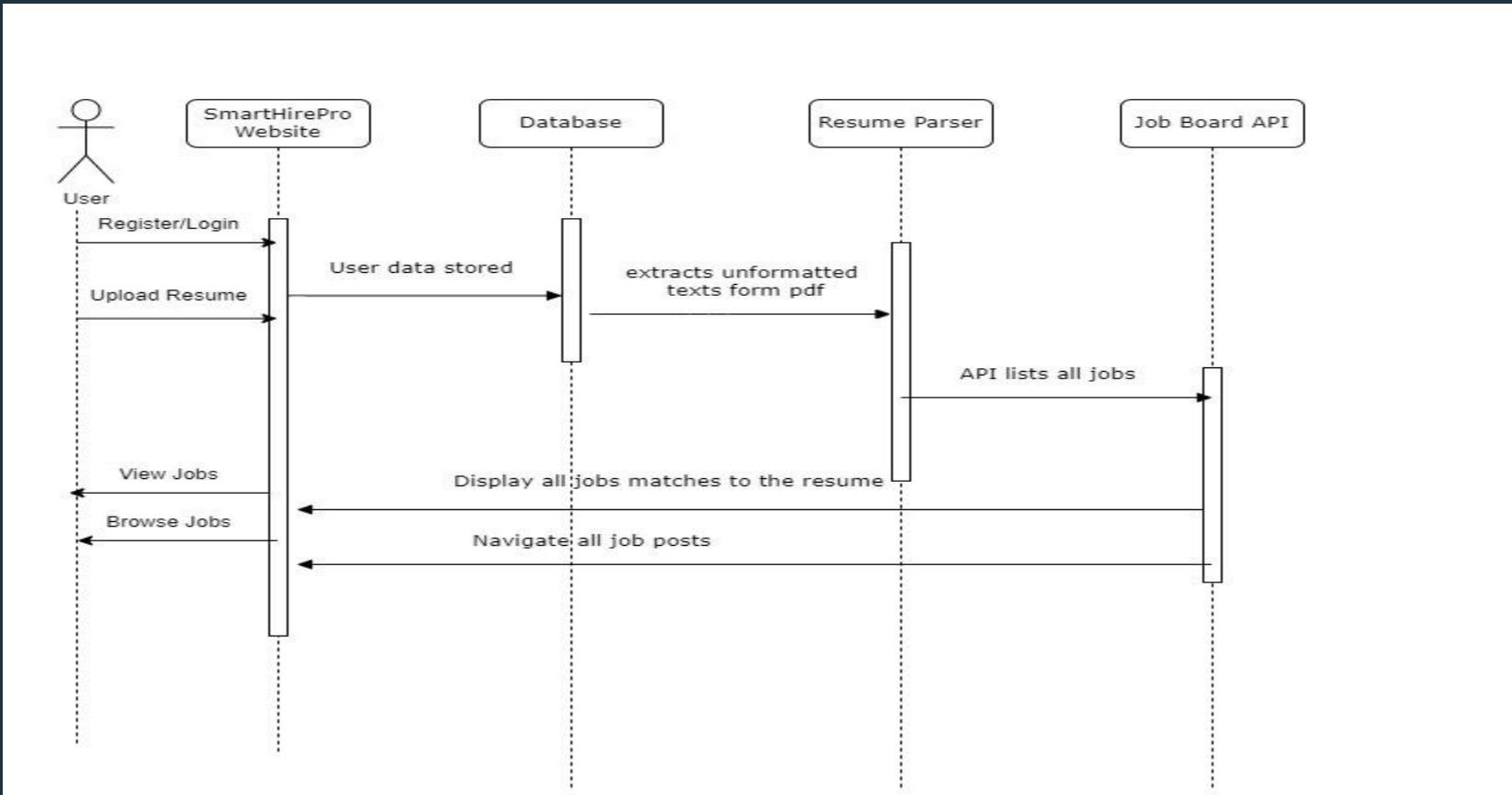


# ER Diagram

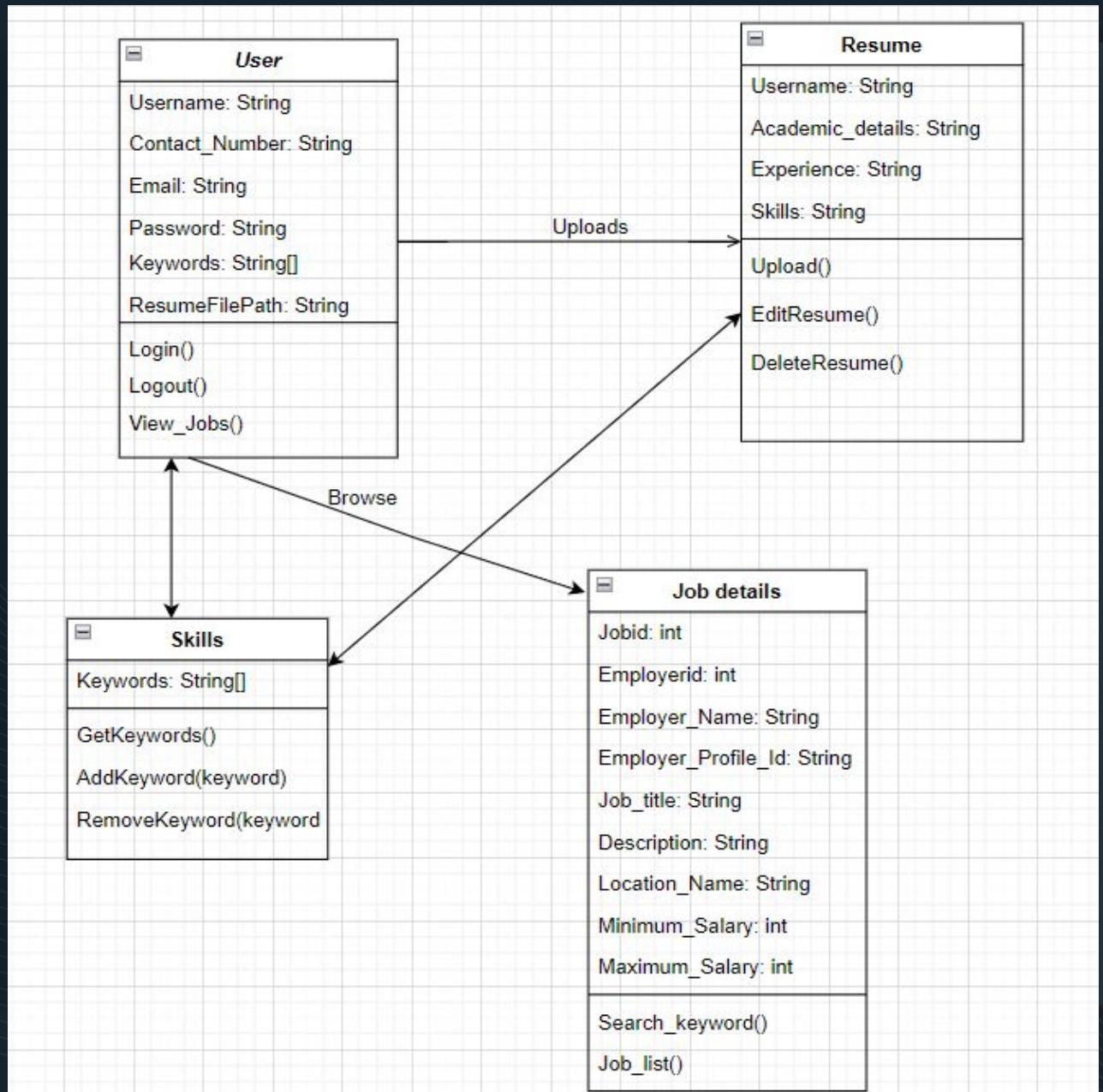




# Sequence Diagram



# Class Diagram





# Sprint 2 Recap

- Created resume upload page where users can upload resume
- Created dashboard so that user can see job list and match job score
- Created backend utilities to extract information from resume.



# Product Backlog

Issue Type	Key	Summary	Status
Story	SCRUM-3	create a database to record user details	Done
Task	SCRUM-5	Create a model to compare the similarity of a job description and user skills	In Progress
Task	SCRUM-6	create backend utility to parse job data from the job board api	Done
Story	SCRUM-7	Create a config file to store configuration of job board api and database connection details	Done
Task	SCRUM-11	Create sign up page where users can register on the SmartHirePro app	Done
Task	SCRUM-12	Create login page for the users to navigate through their account	Done
Story	SCRUM-14	Integrate the app with a file system server	To Do
Task	SCRUM-15	expand job search to include other job boards beyond Reed.co.uk	To Do



# Product Backlog Cont.

Issue Type	Key	Summary	Status
Story	SCRUM-16	should implement job ranks based on keyword matching between resume and job descriptions	To Do
Story	SCRUM-17	create a filter to search user-defined keywords( location, salary range, company size, or job type)	To Do
Story	SCRUM-18	create flexibility in resume input(docx ,pdf ,txt)	To Do
Task	SCRUM-37	design and create database tables	In Progress
Task	SCRUM-38	configure EC2 instance to execute working environments for the app	To Do
Task	SCRUM-39	configure AWS RDS MySQL to connect with backend python utilities	Done
Task	SCRUM-40	Create a Home page to be the starting page of the website. Also link to the other pages such as;login,signup,upload pages.	Done



# User Stories

ID	User Stories	Summary	Status
1	<p><b>As a software engineer</b></p> <p><b>I want to</b> be able to browse through Software engineer jobs</p> <p><b>so that</b> I can review jobs that I want to apply</p>	<p><b>Scenario:</b> User is job hunting</p> <p><b>Given</b> I'm a software engineer</p> <p><b>When</b> I click on a job</p> <p><b>Then</b> SmartHirePro should provide me with a list of relevant jobs.</p>	Completed
2	<p><b>As an IT Student</b></p> <p><b>I want to</b> be able to upload my resume</p> <p><b>so that</b> I get a list of jobs based on my skills.</p>	<p><b>Scenario:</b> User is seeking for jobs</p> <p><b>Given</b> I'm an IT Student</p> <p><b>When</b> I upload my resume</p> <p><b>Then</b> I am provided with a curated list of IT-related jobs.</p>	Completed



# User Stories Cont.

ID	User Stories	Summary	Status
3	<p><b>As a job seeker</b></p> <p><b>I want to</b> delve into the demands of the industry</p> <p><b>so that</b> I can update myself to the industry standard.</p>	<p><b>Scenario:</b> User wants to investigate jobs</p> <p><b>Given</b> I'm a job seeker</p> <p><b>When</b> I click on a job</p> <p><b>Then</b> I can investigate the demands of job categories in the industry.</p>	Completed
4	<p><b>As a film editor</b></p> <p><b>I want to</b> devote my time to applying to only those jobs that suit my profile</p> <p><b>so that</b> I increase my chances of getting hired.</p>	<p><b>Scenario:</b> User is on a deadline for job hunting</p> <p><b>Given</b> I'm a film editor</p> <p><b>When</b> I am hunting for jobs</p> <p><b>Then</b> I want to browse jobs that are suitable for my profile and skills match score</p>	Completed



# User Stories Cont.

ID	User Stories	Summary	Status
5	<p><b>As a</b> backend developer</p> <p><b>I want to</b> discover the values and detailed description of the employer and position.</p> <p><b>so that</b> I can determine if my interests and technical skills are aligned with relevant job</p>	<p><b>Scenario:</b> User is seeking a job that encompasses his skills and interests</p> <p><b>Given</b> I'm a backend developer</p> <p><b>When</b> I review a job description</p> <p><b>Then</b> I should see the details of the job with programming language specification.</p>	To Do
6	<p><b>As a</b> Technical Support Assistant</p> <p><b>I want to</b> switch my career path to data science</p> <p><b>so that</b> I know I am applying for a job that matches my skills and is right for me.</p>	<p><b>Scenario:</b> User is hunting for a job in another domain</p> <p><b>Given</b> I'm a technical support assistant</p> <p><b>When</b> I browse through a job</p> <p><b>Then</b> SmartHirePro should provide job match and skills score for data science jobs</p>	Completed



# User Stories Cont.

ID	User Stories	Summary	Status
7	<p><b>As a student</b></p> <p><b>I want to</b> be able to search internship job list</p> <p><b>so that</b> I can browse internship opportunities relevant to my skills and apply.</p>	<p><b>Scenario:</b> User is seeking an internship</p> <p><b>Given</b> I'm a student</p> <p><b>When</b> I see a job that is a match for my profile</p> <p><b>Then</b> SmartHirePro should provide me list of internship opportunities</p>	Completed



# Sprint 3 Backlog

Issue Type	Key	Summary	Status
Story	SCRUM-3	create a database to record user details	Done
Task	SCRUM-5	Create a model to compare the similarity of a job description and user skills	In Progress
Task	SCRUM-6	create backend utility to parse job data from the job board api	Done
Story	SCRUM-7	Create a config file to store configuration of job board api and database connection details	Done
Task	SCRUM-11	Create sign up page where users can register on the SmartHirePro app	Done
Task	SCRUM-12	Create login page for the users to navigate through their account	Done
Story	SCRUM-18	create flexibility in resume input(docx ,pdf ,txt)	To Do
Task	SCRUM-38	configure EC2 instance to execute working environments for the app	To Do
Task	SCRUM-39	configure AWS RDS MySQL to connect with backend python utilities	Done
Task	SCRUM-40	Create a Home page to be the starting page of the website. Also link to the other pages such as;login,signup,upload pages.	Done



# TEST CASES

TEST CASE ID	TEST SCENARIO	DESCRIPTION	EXPECTED OUTCOME	ACTUAL OUTCOME	PASS/FAIL
1	Using PDF miner	The resume parser should successfully extract unformatted text from PDF resumes using the PDF miner agent.	Unformatted Text from user's resume	Unformatted Text	Pass
2	Using pre-trained language model	The resume parser should successfully extract the user's name using pre-trained language model	User's Name	User's Name	Pass
3	Using the regular expression	The resume parser should successfully extract the user contact number using regular expression	User's Contact Number	Contact Number	Pass





# TEST CASES CONTINUE . . .

TEST CASE ID	TEST SCENARIO	DESCRIPTION	EXPECTED OUTCOME	ACTUAL OUTCOME	PASS/FAIL
4	Using regular expression	The resume parser should successfully extract the user's email id using a regular expression.	User's Email	Email ID	Pass
5	Using YAKE	The resume parser should successfully extract the keywords using TextRank	Keywords representing skills of user	Extracted keywords from sample resume	Pass
6	Job Board API (reed.uk) API	The job board API should successfully gather a list of jobs based on keywords.	List of jobs gathered from External API	Shown list of jobs	Pass





# TEST CASES CONTINUE . . .

TEST CASE ID	TEST SCENARIO	DESCRIPTION	EXPECTED OUTCOME	ACTUAL OUTCOME	PASS/FAIL
7	Display Job Information	The job board API should successfully retrieve and display detailed job information from reed.uk API for a specific job	Retrieve and display job information	Job Details for a job selected	Pass
8	REACT upload link	The app should have a dedicated page with react based upload link for users to upload their resumes.	A Button to for Uploading Resume	Resume Upload Resume	Pass
9	Dashboard page	The app should have a dashboard page that allows users to navigate through different sections.	A navigation bar to navigate through the app.	Navigation Bar	Pass





# TEST CASES CONTINUE . . .

TEST CASE ID	TEST SCENARIO	DESCRIPTION	EXPECTED OUTCOME	ACTUAL OUTCOME	PASS/FAIL
10	Display jobs using REACT	The app's dashboard should have a page displaying a list of jobs using react.	List of jobs	List of jobs	Pass
11	Display metric score	The app's dashboard should display a metric score representing the match between a job and the user's resume using react.	Relevance Score	Score Displayed	Pass





## SPRINT-3 STORY COMPLETION

ESTIMATION	USER ID	POSITION As a	NEED TO / WANT TO	IN ORDER TO	FEATURE	STATUS
1	1	Software Engineer	I want to able to browse through jobs	So, that I can review jobs that I want to apply.	List of jobs	Completed
1	2	IT Student	I want to able to upload my resume	So that I can get list of jobs based on my skills	Keyword Extraction	Completed
2	3	Job Seeker	I want to delve into the demand of industry	So that I can myself according to the industry standards	Regular expression	Completed





ESTIMATION	USER ID	POSITION As a	NEED TO / WANT TO	IN ORDER TO	FEATURE	STATUS
2	4	Film Editor	I want to devote my time to applying to only those jobs that suit my profile.	So that I can increase my chances of getting hired	Keyword Extraction	Completed
5	5	Backend Developer	I want to discover the values and specifies of the employer and position.	So that I can determine if my interests and skills are aligned.	Regular Expression	Completed
8	6	Job Seeker	I want to know if a job matches my profile	So that I know I am applying to a job that right for me.	reed.uk API	Completed





# STORIES NOT COMPLETED

ID	ITEMS	DESCRIPTION	STATUS	DATE
1	<b>SCRUM-5</b>	Create a model to compare similarity of a job description and user skills	<b>IN PROGRESS</b>	<b>10 APR</b>
2	<b>SERUM-18</b>	Create flexibility in resume input (docx,pdf,txt)	<b>TO DO</b>	<b>10 APR</b>
3	<b>SCRUM-40</b>	Create a Homepage to be the starting page of the website. Also link to the other pages such...	<b>TO DO</b>	<b>10 APR</b>



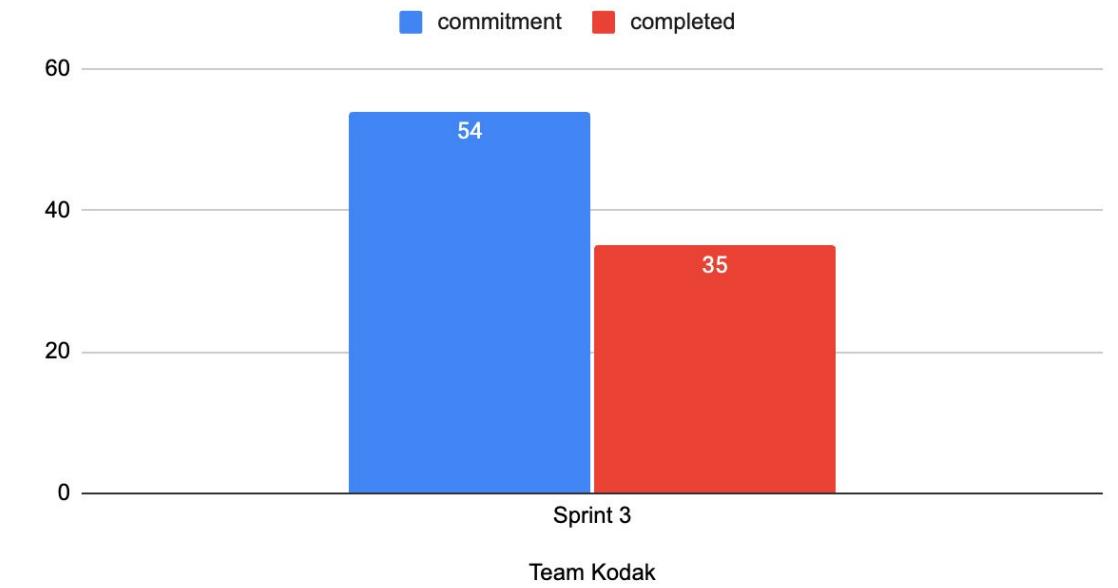


# TEAM VELOCITY SPRINT 3

54 story points committed from the start of the sprint

35 total story points completed

Team Kodak Sprint 3 Velocity





# TEAM'S VELOCITY HISTORICAL + AVERAGE

Sprint 2: 39 commitments, 39 completed

+

Sprint 3: 54 commitments, 35 completed

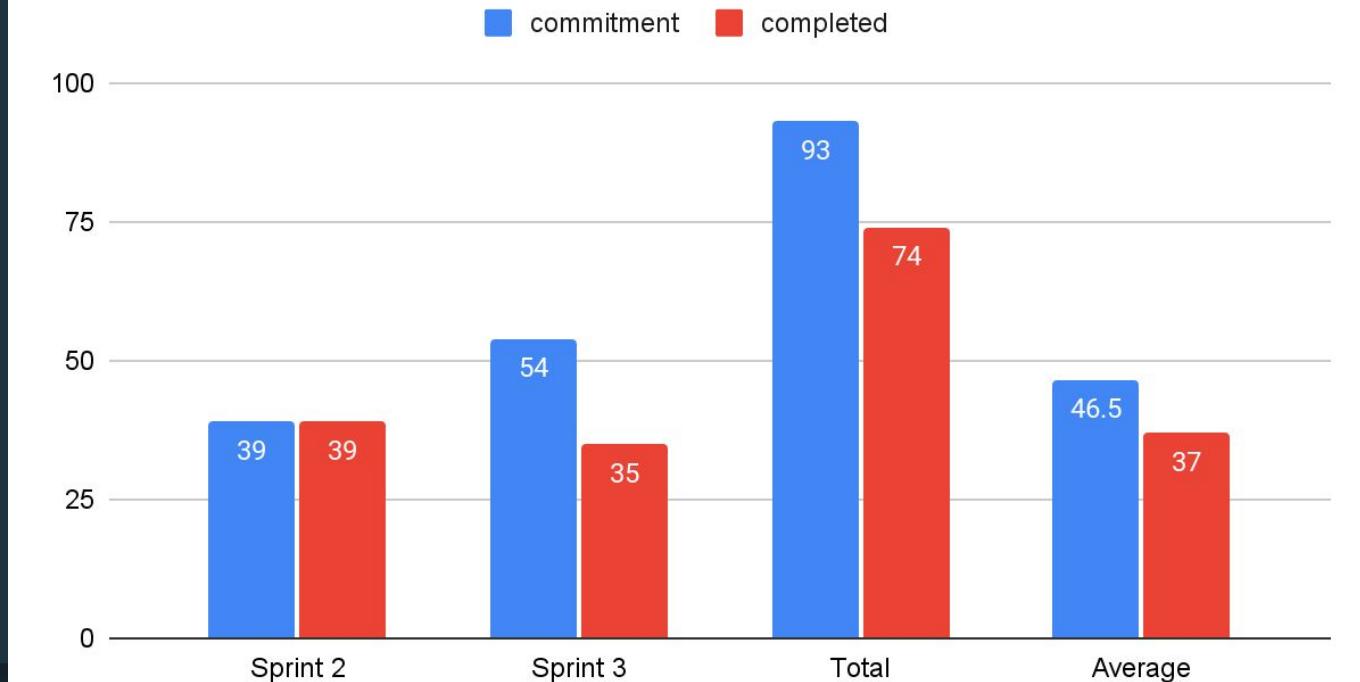
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93 commitments in total

74 completed in total

/2 = 46.5 commitments in average, 37 completed in average

Team kodak Commitment VS. completed report





# BURNDOWN CHART SPRINT 3



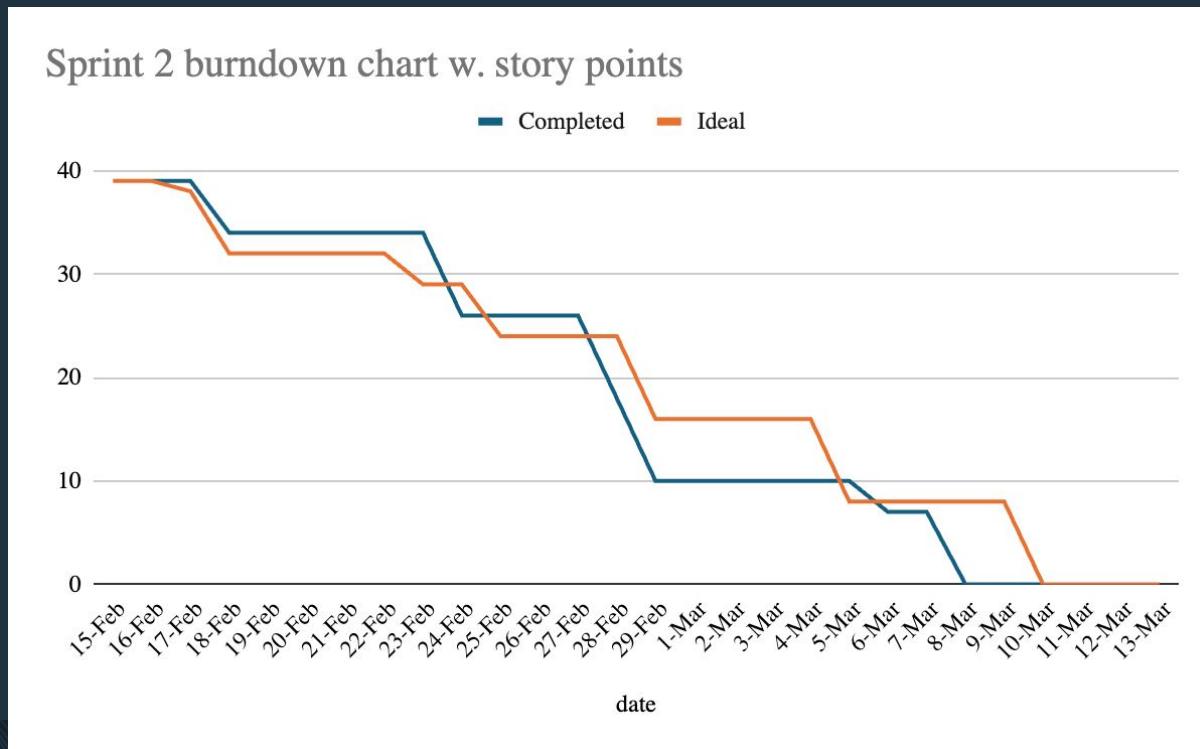


# DETAILS OF THE BURNDOWN CHART

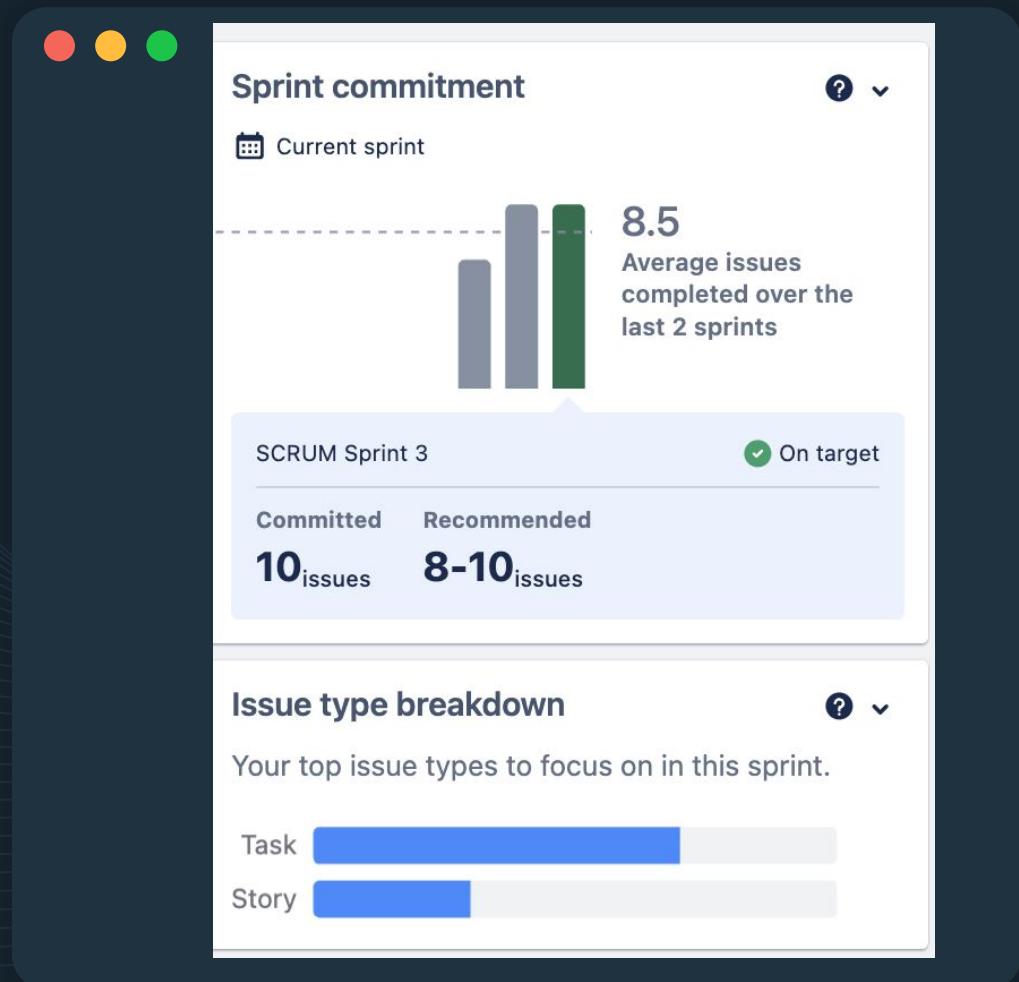
Summary	story point	Custom field (Completed Date)
Create a Home page to be the starting page of the website. Also link to the other pages suchas;login,signup,upload pages.	2	3/27/2024 0:00:00
configure AWS RDS MySQL to connect with backend python utilities	3	22/Mar/24 12:00 AM
configure EC2 instance to execute working environments for the app	5	
create flexibility in resume input(docx ,pdf ,txt)	1	
create login page for the users to navigate through their account	5	3/24/2024 0:00:00
create sign up page where users can register on the SmartHirePro app	1	3/23/2024 0:00:00
create a config file to store configuration of job board api and database connection details	8	20/Mar/24 12:00 AM
create backend utility to parse job data from the job board api	13	20/Mar/24 12:00 AM
create a model to compare similarity of a job description and user skills	13	
create a database to record user details	3	20/Mar/24 12:00 AM
TOTAL story points	54	



# BURNDOWN CHART HISTORICAL



# COMPLETED AND COMMITTED RATIO



TASK: 7 issues, 70% of the total issues committed

STORY: 3 issues, 30% of the total issues committed



# COMPLETED AND COMMITTED RATIO CONT.

Issue Type	Summary	Status	Created	Custom field (Completed Date)	Story Points
Task	Create a Home page to be the starting page of the website. Also link to the other pages suchas;login,signup,upload pages.	Done	27/Mar/24 10:38 AM	27/Mar/24 12:00 AM	2
Task	configure AWS RDS MySQL to connect with backend python utilities	Done	13/Mar/24 12:01 PM	21/Mar/24 12:00 AM	3
Task	configure EC2 instance to execute working environments for the app	To Do	13/Mar/24 12:00 PM		5
Story	create flexibility in resume input(docx ,pdf ,txt)	To Do	12/Mar/24 2:36 PM		1
Task	create login page for the users to navigate through their account	Done	11/Mar/24 9:36 PM	24/Mar/24 12:00 AM	5
Task	create sign up page where users can register on the SmartHirePro app	Done	11/Mar/24 9:35 PM	23/Mar/24 12:00 AM	1
Story	create a config file to store configuration of job board api and database connection details	Done	11/Mar/24 9:04 PM	20/Mar/24 12:00 AM	8
Task	create backend utility to parse job data from the job board api	Done	11/Mar/24 9:01 PM	20/Mar/24 12:00 AM	13
Task	create a model to compare similarity of a job description and user skills	In Progress	11/Mar/24 9:00 PM		13
Story	create a database to record user details	Done	11/Mar/24 8:59 PM	20/Mar/24 12:00 AM	3



Done 65%  
35/54≈0.65

Not started 11%  
6/54≈0.11

IN PROGRESS 24%  
13/54≈0.24





kodak

### What went well +

We all participated in creating the ppt by diving the slides

+3

Jira boards are well maintained, easy to understand

+3

Cross team communication is going well like we planned in last retrospective.

+2

Team meetings and collaboration of everyone is well organized.

+1

people who are actually doing the work are delivering so the team doesn't fall behind

+3

everyone actually participate

+0

Since most members are unavailable on Saturdays, timings need to be changed and updated in the team's work agreement

+9

teammates to finish what they committed on time

+0

### What can be improved +

Meetings are not going as scheduled in team agreement, teams are adjust and covering the grounds by conducting meetings on mutually comfortable times

+3

Please fulfill your commitments if you make them.

+0

Cloud set-up is still pending or there's no communication within cloud team regarding tasks.

+3

Initiate Communication in Cloud Team

+3

### Action Items +

When the meetings that are not supposed to be the scheduled then share a calendar invite to the team members so everyone is on the same pag

+0

create a calendar invite for a cloud team meeting.

+0

Cross team meeting tuesday 9pm

+0

During the sprint planning ceremonies teammates discuss tasks and their priorities during the upcoming sprint.

+0

The estimated time frame for the tasks to be done. (reasonable deadlines before taking up a task need to be provided.)

+0



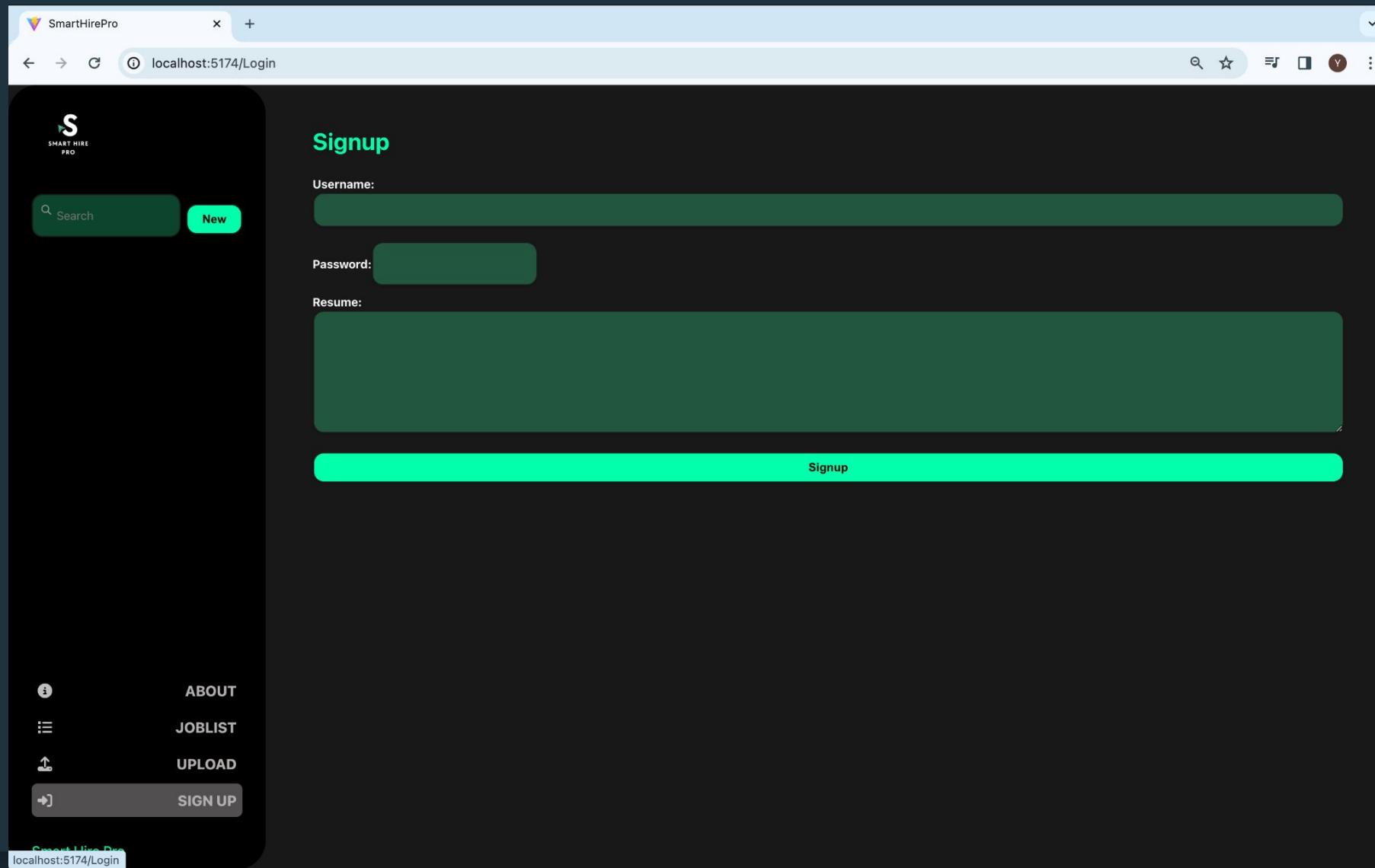
# RETROSPECTIVES



# SPRINT 4

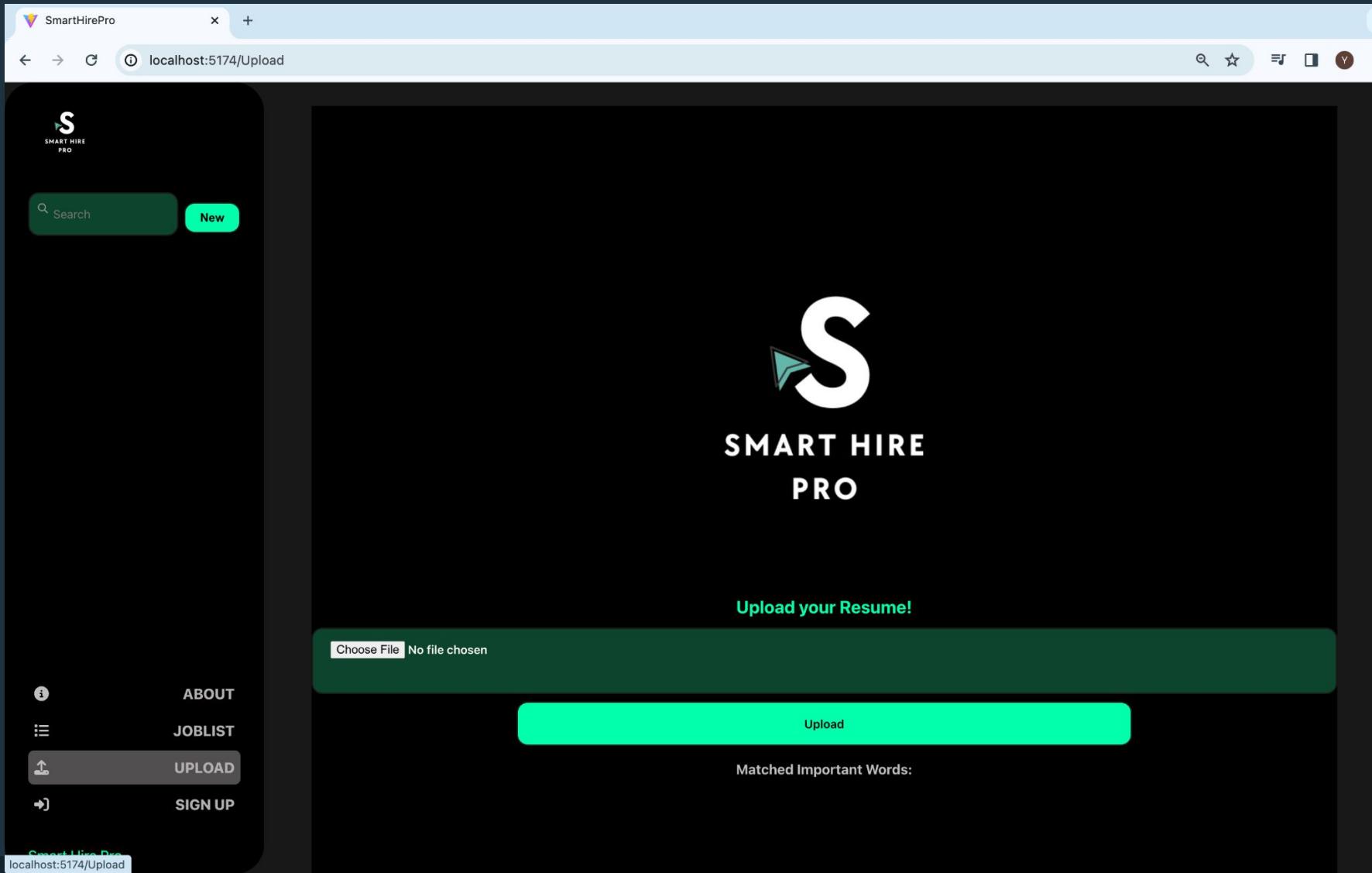
Scrum Board View			
Issue ID	Description	Status	Due Date
SCRUM-14	Integrate the app with a file system server	TO DO	24 APR
SCRUM-15	expand job search to include other job boards beyond LinkedIn	TO DO	24 APR
SCRUM-16	should implement job ranks based on keyword matching	TO DO	24 APR
SCRUM-38	configure EC2 instance to execute working environment	TO DO	24 APR
SCRUM-43	Setup S3 to store resumes blobs	TO DO	24 APR

# APP SCREENSHOT(Sign Up)





# APP SCREENSHOT(Upload Page)



The screenshot shows a web browser window titled "SmartHirePro" at the URL "localhost:5174/Upload". The main content area features the "SMART HIRE PRO" logo with a large stylized 'S' and a play button icon. Below the logo, the text "Upload your Resume!" is displayed above a green button labeled "Choose File". A message "No file chosen" is shown next to the file input field. To the right of the file input is a red "Upload" button. At the bottom, the text "Matched Important Words:" is visible. On the left side of the screen, there is a sidebar with a dark background containing navigation links: "ABOUT", "JOBLIST", "UPLOAD" (which is highlighted in red), and "SIGN UP". There is also a "Search" bar and a "New" button.

SmartHirePro

localhost:5174/Upload

SMART HIRE PRO

Upload your Resume!

Choose File No file chosen

Upload

Matched Important Words:

ABOUT

JOBLIST

UPLOAD

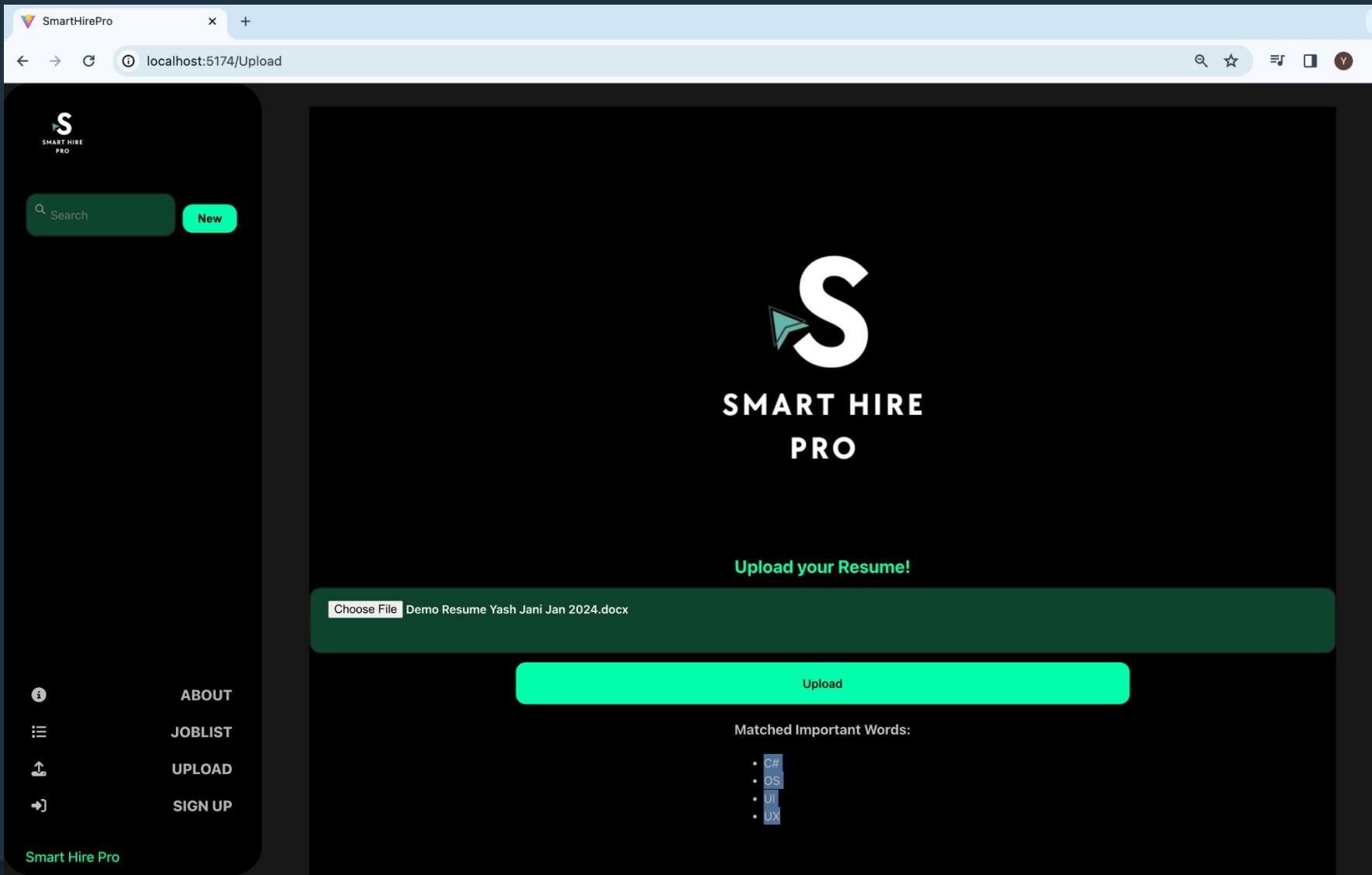
SIGN UP

SmartHirePro

localhost:5174/Upload



# APP SCREENSHOT(Upload Page)



The screenshot shows a web browser window titled "SmartHirePro" with the URL "localhost:5174/Upload". The main content area features a large "S" logo with a blue arrow pointing right, followed by the text "SMART HIRE PRO". Below this, a green button says "Upload your Resume!". A file input field shows "Choose File Demo Resume Yash Jani Jan 2024.docx". To the right, a list of "Matched Important Words" includes "C#", "OS", "UI", and "UX". On the left, a sidebar has a dark background with white text and icons: "ABOUT", "JOBLIST", "UPLOAD", and "SIGN UP". At the bottom left, it says "Smart Hire Pro".

SMART HIRE PRO

Upload your Resume!

Choose File Demo Resume Yash Jani Jan 2024.docx

Upload

Matched Important Words:

- C#
- OS
- UI
- UX

ABOUT

JOBLIST

UPLOAD

SIGN UP

Smart Hire Pro



# APP SCREENSHOT(Joblist)

The screenshot shows a web browser window titled "SmartHirePro" with the URL "localhost:5174/services". The main content area has a dark background with teal text. It features a header "Let's Find Jobs Using AI" and two input fields: "Choose File No file chosen" and "Upload Your Resume". Below these fields, a message states "No jobs found matching the common words from the uploaded document." On the left side, there is a sidebar with the "SMART HIRE PRO" logo, a search bar, a "New" button, and a navigation menu with options: ABOUT, JOBLIST (which is highlighted in a grey box), UPLOAD, and SIGN UP. At the bottom of the sidebar, it says "SmartHire Pro" and shows the URL "localhost:5174/services".



# APP SCREENSHOT(Jobs Display)

The screenshot shows a web browser window titled "SmartHirePro" at the URL "localhost:5174/services". The page has a dark theme with a sidebar on the left containing icons for Search, New, About, Joblist, Upload, and Sign Up. The main content area features a heading "Let's Find Jobs Using AI" and a file upload section with a "Choose File" button and a "Upload Your Resume" button. Below this, a search bar displays the query "Jobs related to: \"www\"". A large list of job posts follows, with many links highlighted in blue.

Choose File Demo Resume...Jan 2024.docx

Upload Your Resume

Jobs related to: "www"

- Mechatroniker für Kältetechnik at Intercon Solutions GmbH
- (Senior) Product Manager (m/w/d) Data at Youmday
- Ausbildung als Mediengestalterin at Andres Industries AG
- Post Producer (m/w/d) at Hogarth Worldwide
- Junior Production Support Engineer at Hogarth Worldwide
- Extensions Product Manager at Upbound
- Director - Learning Organisation & Consulting (w/m/d) | Deutschsprachig at Forever Day One
- Compliance Specialist - Working Student (all genders) at Urban Sports Club
- Operations Specialist at Bolt Technology
- Senior Frontend Engineer - Team Locomotion at Flix
- Revenue & Pricing Manager at Flix
- Senior iOS Developer (experienced in reactive programming) (m/f/d) - Passenger app at Flix
- Working Student Security Engineer (m/f/d) at Flix
- Senior PHP Developer (m/f/d) - Booking platform at Flix
- Network Systems Engineer (m/f/d) at Flix
- Senior Manager Lohnbuchhaltung (m/w/d) at Flix
- Senior Manager Lohnbuchhaltung (m/w/d) at Flix
- Senior Payroll Manager (m/f/d) at Flix
- Senior People Operations Manager (m/f/d) at Flix
- Zugführerin (m/w/d) at Flix
- Product Owner - Financial Services (m/f/d) at Flix
- Product Owner - Financial Services (m/f/d) at Flix
- Senior Oracle In-house Consultant (m/f/d) - Finance at Flix
- Senior Oracle In-house Consultant (m/f/d) at Flix
- Software Engineer - Team Financial Services (m/f/d) at Flix
- Software Engineer - Team Financial Services (m/f/d) at Flix
- Social-Media-Redakteur(in) / Multimedia-Manager(in) bei Crispy Cousins at Crispy Cousins C.C. GmbH
- Online Marketing Manager Recruiting Content (m/w/d) at PENSUM Bremen GmbH
- Customer Success Engineer at Cozero
- Finanzbuchhalter / Steuerfachangestellter mit Schwerpunkt Buchhaltung (m/w/d) - 38.000€ bis 55.000€ at whg Werkmann Hien Gitschel PartGmbB
- Steuerfachangestellter / Bilanzbuchhalter / Steuerfachwirt (m/w/d) - 39.000€ bis 60.000€ at whg Werkmann Hien Gitschel PartGmbB

Smart Hire Pro



# APP SCREENSHOT(About)

The screenshot shows a web browser window with the URL [localhost:5174/about](http://localhost:5174/about). The page has a dark theme with teal accents. On the left, there's a sidebar with icons for 'ABOUT', 'JOBLIST', 'UPLOAD', and 'SIGN UP'. The main content area features a teal header 'About SmartHirePro' and several paragraphs of text describing the platform's features like resume posting, personalized recommendations, and career advancement. It also includes a 'Contact Us' section with email and phone number, and a 'Get in Touch' form with fields for Name, Email, and Message, along with a 'Send Message' button.

SmartHirePro

localhost:5174/about

## About SmartHirePro

Welcome to SmartHirePro, your ultimate destination for career advancement and job opportunities.

At SmartHirePro, we understand the challenges of job hunting and aim to simplify the process for you. Our platform revolutionizes the way individuals find employment by leveraging advanced technology and cutting-edge features.

With SmartHirePro, you can effortlessly showcase your skills and experience to potential employers by simply posting your resume. Our intuitive interface allows you to create a professional profile that stands out from the crowd.

But that's not all! We go beyond traditional job search platforms. SmartHirePro offers personalized recommendations based on your preferences, career goals, and skillset. Our smart algorithms analyze your profile and match you with relevant job openings in real-time.

Whether you're seeking your first job, exploring new opportunities, or aiming for career advancement, SmartHirePro is your trusted partner every step of the way. Join our community today and unlock a world of possibilities!

Empower your career with SmartHirePro.

### Contact Us

Email: [info@smarthirepro.com](mailto:info@smarthirepro.com)

Phone: +1 (123) 456-7890

### Get in Touch

Name:

Email:

Message:

Send Message

SmartHire Pro

localhost:5174/about

# API



## Register

Endpoint -  
`/userauth/register?username=<username>&password=<password>&resume=<resume_text>`

Return Codes -  
1200 - Register Success  
1100 - User Exist



## Login

Endpoint -  
`/userauth/login?username=<username>&password=<password>`

Return Codes -  
2200 - Login Success  
2100 - User does not Exist



## Upload

Endpoint -  
`/resume/upload?username=<username>&resume=<resume>`

Return Codes -  
3200 - Upload Success  
3100 - Upload failed



# API



## Job Lists

Endpoint -  
`/jobs/list?username=<username>&page=<page>`

Return Codes -  
Jobs List - Success  
4100 - Job Board API failed



## Job Details

Endpoint -  
`/jobs/detail?jobid=<jobid>`

Return Codes -  
Job Details - Success



## Match Score

Endpoint -  
`/jobs/score?username=<username>&job=<job description>`

Return Codes -  
Score - Success  
6100 - Can't be Scored





[https://github.com/htmw/2024S-Ko  
dak/wiki](https://github.com/htmw/2024S-Kodak/wiki)



GITHUB LINK



# Live Demo



**SMART HIRE  
PRO**

Upload your Resume!

Choose File No file chosen

**Upload**

Matched Important Words:



THANK  
YOU!



SmartHirePRO  
By Team Kodak