**User Stories - Resume Best Match**

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| **Module** | **User Stories** | **Description / Additional Details** |
| Search UI | Create Search UI page with Job Category | Category(Job) , Context , noOfMatch are the input to search job for Wells Fargo employee. |
|  | Create Search UI page with Resume Category | Category(Resume) , Context , noOfMatch are the input to search resume for Wells Fargo recruiter. |
|  | Display the response for Job category | List of Id,Score and path are the output of Job search . Path will store the job description file. |
|  | Display the response for Resume category | List of Id,Score and path are the output of Resume search . Path will store the Resume file. |
| Deployment-UI | Clone the UI project with help of App Engine Console | Github repository is required for UI project. |
|  | Install npm inside same GC project ID | For building the project in GC space need to install npm. |
|  | Build the UI project inside same project id space and remove all other file and folder apart from build folder . | Build UI project in GC space for deployment. |
|  | Create the APP.yaml (deployment descriptor file) | It is mandatory file for google cloud deployment. It have all the JS script information. |
|  | Deploy the UI project with Build folder and app.yaml | Only build folder and app.yaml will be deploy in GCP. |
| Search API Back end | Write Flask API | Create python Flask API having end point which will cater to recruiter as job searcher |
|  | Connect to cloud storage bucket | Connect to cloud storage bucket and get all the resumes(PDF) and job description doc. |
|  | Logic for resume best match | Write logic to extract text from PDF document in case of resume search and tokenised the text using BERT pre trained model and then perform cosine similarity on prompt tokens and resume text token to score the resume |
|  | Logic for job description best match | Write logic to extract text from docx document in case of Job description search and compare the text content with that of prompt based on NER extraction providing additional NER tokens to identify the roles as well |
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