

Get to Work - Final Group Document

Features : All four of the major features has been completed. None of the stretch goals like creating a chatbot or generating company acceptance rate were attained. There was not enough time to complete the stretch features. The team needed to focus on the four major features functionality. The resume feature was enhanced since the original specification document. The resume feature includes a job description to compare to the resume. The Google Contacts API is deprecated and the new Google People API does not have as much documentation as the older Google Calendar API.

Major Features Current State

1. **Resume Reading:** The resume reading feature allows users to analyze their resume and job descriptions. Users can see charts about the words on their resume and receive
2. **Monster.com Job Recommendations:** Based on the users resume keywords and/or their input to recommend job to apply to on Monster.
3. **Main Organization Tool:** The drag and drop interface that tracks user progress and save their status via Firebase database.
4. **Google calendar and other plugin usage** will allow users to sync their Google account with the interviews and contacts they make through Get To Work.

Timing

Initial Sight Launch

- Creating a App Engine Project - Week 1- 2, hours 3
- Launching an app engine web project - Week 1- 2, hours 5
- Launching the html files from Eclipse - Week 1 - 2 , hour 2

Resume Feature

- Failed - PDF Uploading - Week 3, hours 4
- Text Parsing Week 2 - 4, hours 4
- Charts Week 4 - 5, hours 2
- Suggested words - Week 6, hours 2

Job Opportunities Suggestions

- Failed - Google Talent API - Week 5 - 6

- Monster.com - Week 6 -7

Job Tracking/Drag and Drop

- Login/Registration - 15 days
- UI for Drag and Drop - 20 - 25 days
- Failed: Firebase as database solution - 15 days
- Firestore as database solution - 25 days
- Tasklist - 10 days

Task assignments

Each team member assumed a full-stack developer role. This was best for a team of our size and our project.

Member	Feature	Description
Camille	Java Servlet	Created the Google App Engine for the project Connecting and launching the site from Eclipse
Camille	Resume Parsing	Filtering the resume and job description text. Generating the charts and the suggested keywords to add to the resume.
Camille	Monster.com Job Recommendations	Used the keywords from the users resume and job description to find similar jobs on Monster.
Lindsey	Database/Firestore	The database occupied the majority most of my time and workload. Originally, I assumed that I would also work on the HTML/CSS as well but the database solutions ended up giving me so much trouble that it occupied much of my time. The database solution transitioned from Firebase to Firestore because Firebase was taking up too much time with no progress. Originally, we were going to use Firebase Authentication in conjunction with Firebase or Firestore but we ended up creating the authentication (login & registration) ourselves.
Alexis	Main Organization Tool	Created the javascript, html, and css files for the drag and drop major feature. I assumed that I would have more input on the backend database, but the the challenges dealing with frontend of the project required more of my time.

Alexis	Completed the js, html, and css for the homepage and the contact list.	Completed the js, html, and css for the homepage and the contact list.
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