

a) Choose programming language

(by default: JAVA)

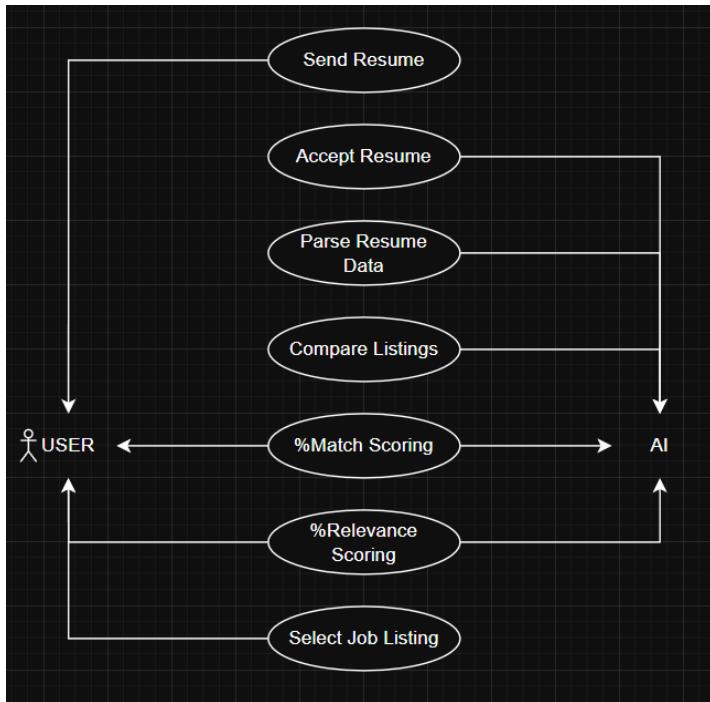
python

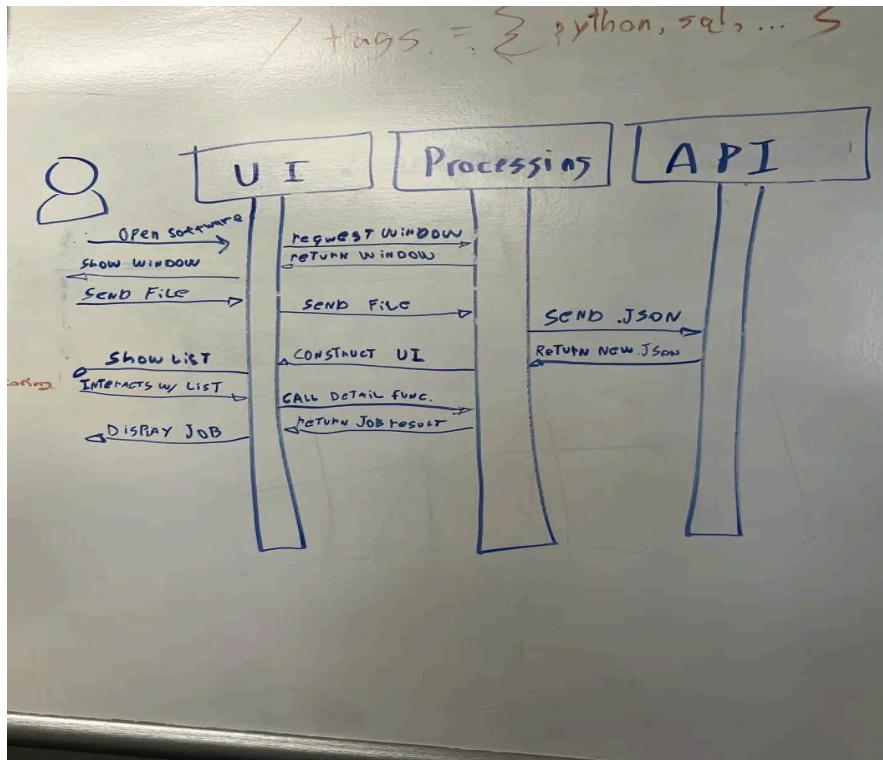
b) Setup Dev Environment (whole team)

The screenshot shows a GitHub repository page for 'CS-360-01'. At the top, there are buttons for 'Watch 0', 'Fork 0', and 'Star 0'. Below the header, there are buttons for 'main' (with a dropdown arrow), '1 Branch', '0 Tags', 'Go to file', 'Add file', and 'Code'. On the right, there's an 'About' section with the message 'No description, website, or topics provided.' It also shows 'Activity' (1 Commit), '0 stars', '0 watching', and '0 forks'. Below the main content area, there's a 'README' section with a 'Add a README' button.

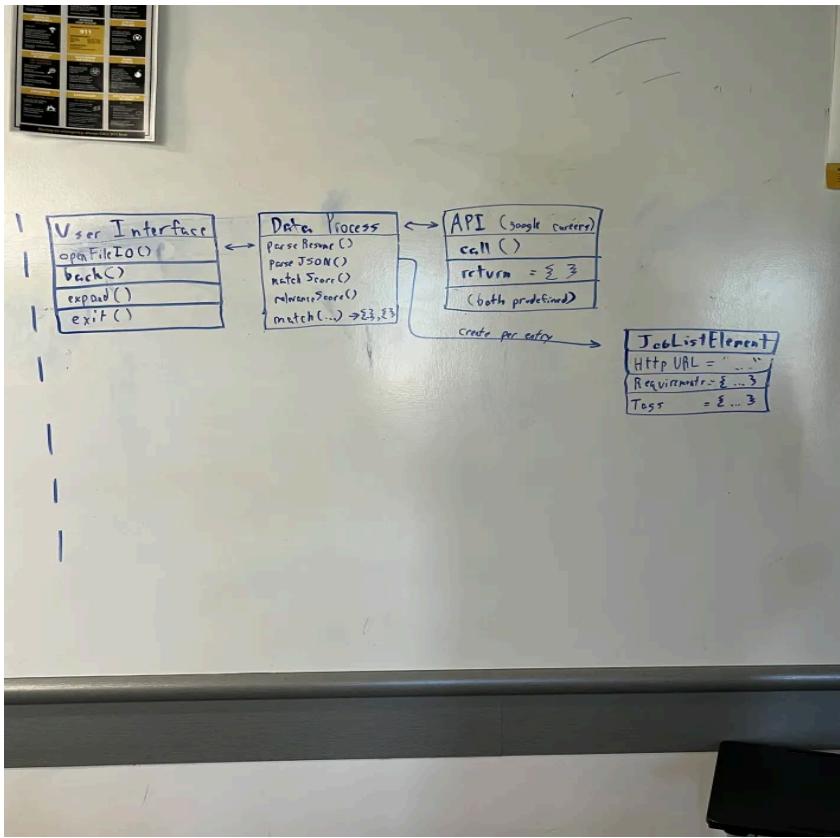
c) Build a basic Structure

(translating UML class model in development)





- d) Apply basic programming standards (language... variables, class, methods,..)



List of classes:

```
1  class UserInterface:
2      def __init__():
3          return 0
4      def back():
5          return 0
6      def expand():
7          return 0
8      def exit():
9          exit(0)
10
11 class DataProcess:
12     def __init__():
13         return 0
14     def parseResume():
15         return 0
16     def parseJson():
17         return 0
18     def matchScore():
19         return 0
20     def relevanceScore():
21         return 0
22     def match():
23         return
24     def exit():
25         exit(0)
26
27 class JobListElement:
28     def __init__():
29         return 0
30     def httpUrl():
31         return 0
32     def requirements():
33         return 0
34     def tags():
35         return 0
36     def exit():
37         exit(0)
38
39 class API:
40     def __init__():
41         return 0
42     def call():
43         return 0
44     def exit():
45         exit(0)
46
```

Main method:

```
1  from user_interface import UserInterface
2  from data_process import DataProcess
3  from api_handler import API
4
5  def main():
6      ui = UserInterface()
7      dp = DataProcess()
8      api = API()
```

