Specifications:

Add Job-seeker:
        User: Job-seeker
        Input: Name, Date of Birth, Phone Number, Email, Address, Country, ID
        Output: "Added" or "Invalid"
        Basic Case: System will check if the user already has an account in the database. It will update the job-seeker table and output "Added" if the user doesn't already exist.

        Exceptions: If the user is not older than 16 then return "Invalid"
                         If any of the field is missing return "Invalid"
                         If email is found then return "Invalid"

Remove Job-seeker:
        User: Job-seeker
        Input: email
        Output: "Removed" or "Invalid"
        Basic Case: System will check if the user exists in the database. It will update the job-seeker table and output "Removed", if the user exists
        Exceptions: If user doesn't exists return "Invalid"

Add Job:
        User: HR employee
        Input: Job id, date-posted, location, employee name, deadline, requirements,Salary
        Output: "Added" or "Invalid"
        Basic Case: System will check if the job already exists in the database. It will update the job table and output "Added", if the job doesn't already exist.
        Exceptions: If job exists return "Invalid"

Remove Job:
        User: HR employee
        Input: Job id
        Output: "Removed" or "Invalid"
        Basic Case: System will check if the job exists in the database. It will update the job table and output "Removed", if the job exists.
        Exceptions: If it does not exist, "Invalid" will be returned.

Edit Job:

User: HR employee
Input: Job id
       Conditional Input:
       If salary is to be edited: salary, value
       If name is to be edited: name, "new_name"
Output: "Successfully Edited" or "Unable to Edit"
Basic Case: System will check if the job exists in the database. It will update the job table and output "Successfully Edited", if the job field was successfully edited.
Exceptions: If job does not exist, "Invalid" will be returned.
       If field does not exist(ie salary, name), "Invalid" will be returned.

Add Resume:

User: Job-seeker
Input: Title
Output: "Added", Date added or "Invalid"
Basic Case:System will check if the file already exists in User's account. It will update the document table and output "Added" and the date is was added.
Exceptions:
If it file does exist, "Invalid" will be returned.
       Specifically: If the title of the document is the same as another file in the User's account, The Job-seeker will be asked to edit the name. If the name is not edited, "Invalid" will be returned.

Remove Resume:

User: Job-seeker
Input:Title
Output: "Removed" or "Invalid"
Basic Case:Basic Case: System will check if the file exists in User's account. It will update the document table and output "Removed", if the file exists.
Exceptions:
If it file does not exist, "Invalid" will be returned.
       Specifically: If the Title doesn't exist in the database, Invalid is returned and the removal is aborted

Add Cover letter:

User: Job-seeker
Input: Title
Output: "Added", Date added or "Invalid"
Basic Case:System will check if the file already exists in the User's account. It will update the document table and output "Added" and the date is was added.

Exceptions:

If it file does exist, "Invalid" will be returned.

>Specifically: If the title of the document is the same as another file in the User's account, the Job-seeker will be asked to edit the name. If the name is not edited, "Invalid" will be returned.

Remove Cover letter:

User: Job-seeker

Input:Title

Output: "Removed" or "Invalid"

Basic Case:Basic Case: System will check if the file exists in the User's account. It will update the document table and output "Removed", if the file exists.

Exceptions:

If it file does not exist, "Invalid" will be returned.

>Specifically: If the Title doesn't exist in the database, Invalid app id is returned and the removal is aborted.

Add Criminal Record:

User: Job-seeker

Input: Title

Output: "Added", Date added or "Invalid"

Basic Case:System will check if the file already exists in the User's account. It will update the document table and output "Added" and the date is was added, if the file doesn't already exist.

Exceptions:

If the file does exist, then return "Invalid"

>Specifically: If the title of the document is the same as another file in the User's account, the Job-seeker will be asked to edit the name. If the name is not edited, "Invalid" will be returned.

Remove Criminal Record:

User: Job-seeker

Input:Title

Output: "Removed" or "Invalid"

Basic Case:Basic Case: System will check if the file exists in the User's account. It will update the document table and output "Removed", if the file exists.

Exceptions:

If the cover letter does not exist, return "Invalid"

>Specifically:If the Title doesn't exist in the database, Invalid app id is returned and the removal is aborted.

Add Application:

User: Job-seeker

Input: Email, Documents, Job
Output: Application ID or "Invalid"
Basic Case::System will check if the application, under a job-seeker's id, already exists in the database for that specific job. It will update the application table and add a date for when the application was submitted, finally the id to the application is outputted, if the file doesn't already exist.
Exceptions:
If the application does exist return "Invalid"
-If any of the input fields are missing, the user will be asked to add it. If it isn't added Invalid application will be outputted and addition will be aborted.
-If the application date is after the Job Deadline, the user will be informed that it's passed the deadline and the application submission is aborted.

Remove Application:
User: Job-seeker, HR employee
Input:Application ID, Email
Output: "Removed" or "Invalid"
Basic Case:for Job-Seeker User: System will check if the application exists in the database and under the user's account. It will update the application table and output "Removed", if the application exists. If it does not exist, "Invalid" will be returned.
For HR employee: System will check if the application exists in the database. It will update the application table and output "Removed", if the application exists.
Exceptions:
If the application does not exist return "Invalid"
-If the Application ID doesn't exist in the database, Invalid app id is returned and the removal is aborted.
-If the application exists but was not submitted by the Job-seeker, Invalid app id is returned and the removal is aborted.
-For Job-seeker user: If the current date is after the Job Deadline, the user will be informed that it's passed the deadline and the application removal is aborted.

Add Interview:
User: HR employee
Input:Application ID, Date, Time, Location, Type
Output: "Added",or "Invalid"
Basic Case:System will check if the interview already exists in the database. It will update the interview table and output "Added" and the id to the interview, if the interview doesn't already exist.
Exceptions:
If the interview does exist then return "Invalid"

Remove Interview:

        User: HR employee

        Input: Interview ID, or application ID, time, date

        Output: "Removed" or "Invalid"

        Basic Case:System will check if the interview exists in the database. It will update the interview table and output "Removed", if the interview exists.

        Exceptions:

        If the interview does not exist, return "Invalid"

        -If the Interview ID doesn't exist or the Application ID doesn't match the time and date in the database, Invalid app id is returned and the removal is aborted

Add HR employee:

        User: HR Manager

        Input:Name, email, Employee ID

        Output: "Added", or "Invalid"

        Basic Case:System will check if the Employee ID already exists in the database. It will update the HR employee table and output "Added", if the employee doesn't already exist.

        Exceptions:

        If the Employee does exist then return "Invalid"

Remove Interview:

        User: HR employee

        Input: Employee ID

        Output: "Removed" or "Invalid"

        Basic Case:System will check if the Employee exists in the database. It will update the HR employee table and output "Removed", if the employee exists.

        Exceptions:

        If the employee does not exist, return "Invalid"

        -If the Employee ID doesn't exist in the database, Invalid emp id is returned and the removal is aborted