Task Description: Bulk Upload and Data Validation System

Introduction:
Welcome to the interview task for the position of [Job Title]. This task is designed to evaluate your skills in developing a bulk upload and data validation system. You will be required to create a web-based application that allows users to register, authenticate, upload claim forms in bulk, map data fields, validate data, and view the inserted data.

Task Description:
Your task is to develop a web application with the following functionalities, you can use any tech stack as you preferred,

1. **Authentication and Registration Form:**
   - Users should be able to register themselves with necessary details.
   - Implement secure authentication using JWT tokens or your preferred mechanism
   - Upon successful registration, users should be authenticated to access other features.

2. **Bulk Upload Form:**
   - Users should be able to upload claim forms in bulk via CSV, TSV, or XLS files.
   - Provide excel template to download
   - Each claim form should contain fields such as
     - Name *,
     - Reference ID (this should be autogenerated while bulk upload)
     - DOB *,
     - Gender,
     - Contact Details,
     - Country *,
     - Accident Information *
       - Venue,
       - Date & Time,
     - Visit Date & Time,
     - Total Cost *
   - Users should be able to upload a minimum of 5 to 500 records per file.

3. **Field Mapping:**
   - After uploading the file, users should be directed to a field mapping screen.

- Columns should be auto mapped and Users should be able to map the columns from the uploaded file to the corresponding database fields.

4. **Data Validation:**
   - Once the mapping is completed, users should be directed to a validation screen.
   - The system should validate the data for any errors,
     - It should display the number of records skipped due to issues,
     - Identify any unmapped fields.
     - It should validate all mandatory fields and if there is any empty fields or wrong formatted field it should display the error here.

5. **Data Import:**
   - If data validation is successful, users should be able to import the data into the system.
   - The system should provide a success message upon successful import and display the number of records added.

6. **View Inserted Data:**
   - Users should have the ability to view all the data that has been inserted into the system.
   - User should be able to delete a records with confirm message and success message

Deliverables:
- Web application with all specified functionalities.
- Documentation detailing the execution of code.
- Zip file containing the code.

Timeframe:
- You have 48 hours to complete the task from the time of receipt.

Evaluation Criteria:
- Implementation of unit tests.
- Effective error handling and display error messages.
- Implementation of security measures.
- Adding necessary comment and following industry best practice on code
- Adherence to task requirements and functionality.
- Code quality and readability.

Submission Instructions:
- Please submit your completed task within 48 hours to [Provide Submission Email/Platform].

- Ensure your submission includes the web application, documentation, and code zip file.
- Clearly label your submission with your name and the position you are applying for.

Note: Feel free to reach out if you have any questions or need clarification on any aspect of the task. Good luck!