

Backend Challenge Guidelines

Marks Breakdown

- **Template and Content Handling (4 marks)**
 - **Correct parsing and application of the provided HTML template (2 marks)**
 - **Proper integration of the required content into the template while preserving the template's style and structure (2 marks)**
- **Endpoint for Modifying Existing HTML (3 marks)**
 - **Accurate parsing of the provided HTML code (1 mark)**
 - **Correct interpretation and application of the user's change instructions (1 mark)**
 - **Returning the modified HTML code with the correct changes implemented (1 mark)**
- **API Design and Functionality (1 mark)**
 - **Clear and well-documented API endpoints (0.5 marks)**
 - **Handling of edge cases (e.g., missing or malformed input) (0.5 marks)**
- **Miscellaneous (2 marks)**
 - **Overall code quality, including readability, modularity, and adherence to best practices (1 mark)**
 - **Efficiency and performance of the API (1 mark)**

Submission Format

- **PDF File Mandatory**
- **Document Format**
 - **Title**
 - **Name, Reg No., Email**
 - **API functionality demo (You may add a hosted link if you have one + Include screenshots of working)**
 - **Code for the API (This maybe a GitHub link or you can paste the code or screenshots of code)**
 - **Documentation for the API (This section can be ignored if you already have documentation for your API in your GitHub repo)**