

Grading criteria for the Web Development Fundamentals project – 2025 – v1.2

Grade	Requirement/Code content for INDIVIDUAL project	Requirement/Code content for GROUPS of 2 students project
3	<ul style="list-style-type: none"> - The code works without error, there are sufficient comments in the code, - The code uses Node.js, Express, Handlebars and SQLite3, - The final website is a one-page dynamic application, the menu MUST contain at least: Home, List (can be renamed depending on your project choice), About, Contact, - The Database has at least two tables (at least 5 records) that are displayed on the pages, the tables have at least 3 fields, - The menu “List” must link to a page displaying the list of elements (except the user table used for grade 5) from one of your tables, a detailed view of one element is given when you click on it, - Basic security (no SQL injection) and login/encrypted password checked to modify the data, there is a message to know if the user is connected or not, - The login and password for the user are respectively “admin” and “wdf#2025”, - Usage of SELECT/INSERT/UPDATE/DELETE (CRUD) operations to display/modify one table, - Acceptable UI/UX using basic CSS. 	<p>Requirements are the same as the left column</p> <ul style="list-style-type: none"> - WITH three major changes in red: - The Database has at least four tables (at least 10 records) that are displayed on the pages, the tables have at least 3 fields, - Usage of SELECT/INSERT/UPDATE/DELETE (CRUD) operations to display/modify two tables,
4	<ul style="list-style-type: none"> - Requirements for grade 3 above PLUS: - Database with three or more tables (at least 5 records in each table), two of them being linked (SQL INNER JOIN) in at least one query (that is used in the pages), - There is a list with a dynamic pagination system (at least 3 pages with 3 elements per page) for one table (so, at least 9 records in this table) - Moderate UI/UX with Flexbox or Grid CSS. 	<p>Requirements are the same as the left column and the cell above WITH three major changes in red:</p> <ul style="list-style-type: none"> - Database with five or more tables (at least 10 records in each table), three of them being linked (SQL INNER JOIN) in at least one query (that is used in the pages),
5	<ul style="list-style-type: none"> - Requirement for grade 4 above PLUS: - Create a complete user management system: create new user with hashed password, listing, updating, and deleting users (SELECT/INSERT/UPDATE/DELETE in your users' table), the users can log in on your website, - Advanced UI/UX being fully responsive (computer, tablet, and phone) with Flexbox or Grid CSS or a CSS Framework. 	<p>Requirements are the same as the left column and the cell above WITH two major additions in red:</p> <ul style="list-style-type: none"> - In one of the forms, there is a possibility to upload an image (PNG or JPG) in a directory on the server with SELECT/INSERT/ UPDATE/DELETE on this image which is used and displayed in the web pages,