

EXAM – FRONT-END TECHNOLOGY PART

GRADING POLICY

The evaluation for the front-end technology part of the exam for each student is worth 32 points; **this score accounts for 30% of the overall score of the course.**

All students are required to answer a multiple choice quiz on technology topics with a **pass/non pass** policy (see course slides for additional info).

Grades will be assigned as follows:

- 24 points for implementing the pages: 1 point each highlighted item + 2 points of homepage.
- 6 points for front-end features, detailed in the next slide
- 2 points extra, detailed in the next slide

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SINGLE TOPICS

1. **WHO WE ARE [1 point]**
2. **NEWS [1 point]**
3. **CONTACT US [1 point]**
4. **HELP US**
5. **FAQ**

MULTIPLE TOPICS

1. **Service [2 points]**
2. **Location [2 points]**
3. **People [2 points]**
4. **Event**

RELEVANT RELATIONSHIPS

1. **Who?** **Service → People [2 points]**
2. **Operating in:** **People → Service (inverse of 1) [2 points]**
3. **Where?** **Service → Location [2 points]**
4. **What here?** **Location → Service (inverse of 3) [2 points]**

MULTIPLE GROUPS

1. **Services by Location X** (each group aggregates the services in a location X)
(parametric group) **[2 points]**

GROUPS

1. **All services [2 points]**
2. **All people in alphabetic order [2 points]**
3. **All locations [2 points]**
4. **All events**
5. **All Services by Locations** (the *members* of this group are *groups* of services for a specific location)

“SPECIALS”

Form for general request of info

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- **Responsivity:** use of the suggested rules from slides [4 points]
- **Structure:** tidiness of css, script, folders [2 points]

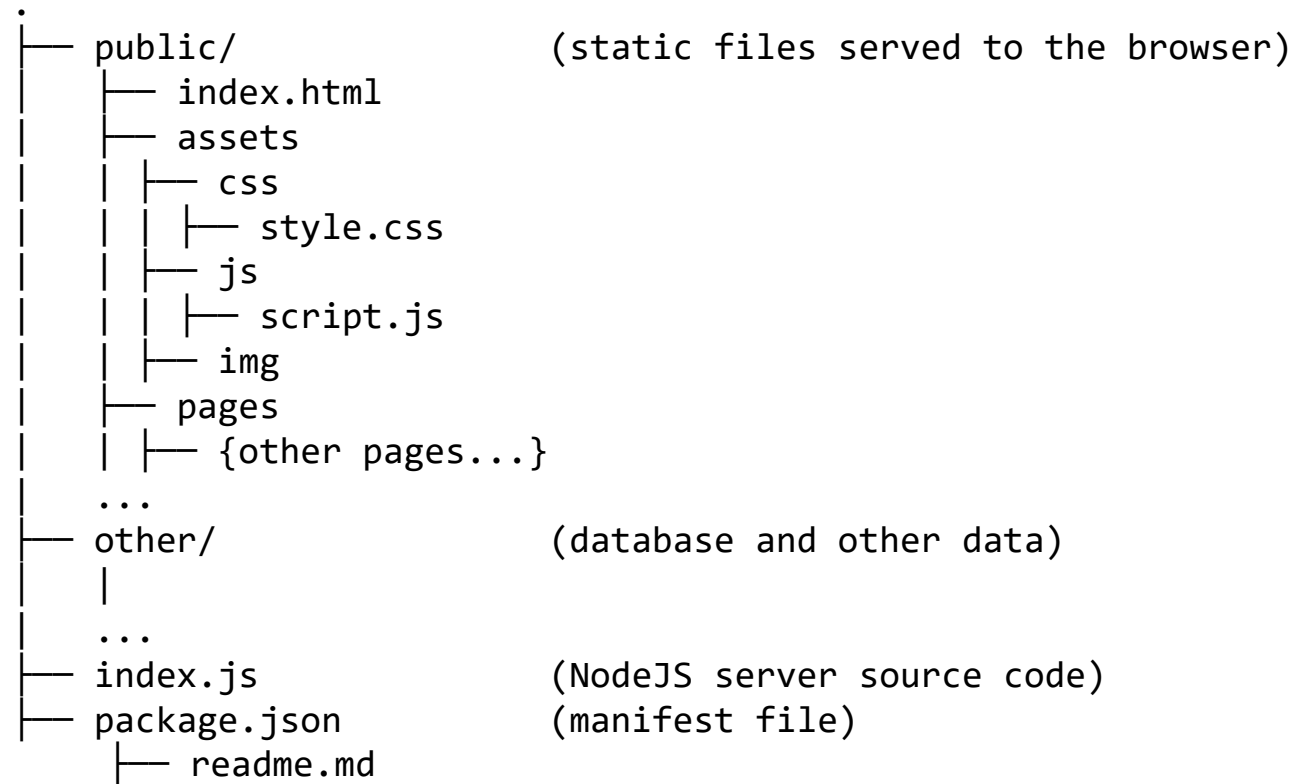
Extras (one of the following in the contact us page):

- Data entry form
- Google Maps

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Repository structure

Organize your folders by using the following structure:



Frequently Asked Questions

1. **Should I develop all pages?** No, all the ones highlighted in yellow
2. **Should all pages highlighted in yellow retrieve data from the database?** Yes, ALL pages highlighted in yellow should retrieve data from the db in the second part of the course, except the homepage and the contacts page which should show just simple info (not retrieved from the db)
3. **May I use a framework to develop my frontend part?** Yes, provided that:
 1. You receive a JSON from the server and process that JSON
 2. The framework relies on JS, CSS and HTML (no server side code), E.g. bootstrap, angular
4. **What is the meaning of extra point?** An extra point is assigned only if you get all points.
5. **How may I check if my website is Responsible? Or How are you going to evaluate me on the responsivity of my website?** On Chrome, Developer Tools (F12), Toggle Device toolbar, I'll test your website with the following widths: 1400px, 768px, 400px. Menu items should be easily clickable (at least 50px x 50px), images should shrink, texts should be always HUMAN readable.
6. **Should the homepage have all the links working?** No, just the ones required (highlighted in yellow)
7. **How many Services? How many Locations? How many Persons?** 5 each
8. **Should my front-end prototype match IDM part?** Not precisely, you should still follow the guidelines but you can change some stuff to better your work
9. **Should I know all the parts of website development?** Each group member should know the topics exposed during the lectures and should be able to develop what the other members of its team have done
10. **May I use Wordpress, Joomla or any other Content Management System (CMS)?** If you do it you will be excluded from the exam ;-)