

HYPERMEDIA APPLICATIONS FRONT-END PROJECT

Valid through July 2019



EXAM – FRONT-END TECHNOLOGY PART GRADING POLICY

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

Grades will be assigned as follows:

- 24 points for implementing the pages: 1 or 2 points each highlighted.
- 8 points for front-end features, detailed in the next slide



EXAM – FRONT-END TECHNOLOGY PART

GRADING POLICY

SINGLE TOPICS

1. LATEST PRODUCTS
2. Registration/Login [1 point]
3. REQUIRE A GIFT CARD
4. Ordering and shipping information[1 point]
5. Contact Us [1 point]
6. FAQ
7. Book Reservation/Shopping Cart[1 point]

MULTIPLE TOPICS

1. Book (this topic describes the available books) [1 point]
2. Author (This topic describes the authors of the books) [1 point]
3. Event (This topic describes the presentation events of a book) [1 point]

RELEVANT RELATIONSHIPS

1. Written by? Book → Author [2 points]
2. Writes? Author → Book (inverse of 1) [2 points]
3. Similar Books? Book → Book [2 points]
4. Where it is presented? Book → Event [2 points]
5. Details on the book presented here? Event → Book (inverse of 4)[2 points]

GROUPS

1. All Themes [1 point]
2. All Literary Genre [1 point]
3. All Events in this month [1 point]
4. All Books by Theme X [1 point]
5. All Books by Literary Genre X [1 point]
6. Best sellers this month[1 point]
7. Our favorite readings [1 point]



EXAM – FRONT-END TECHNOLOGY PART

GRADING POLICY

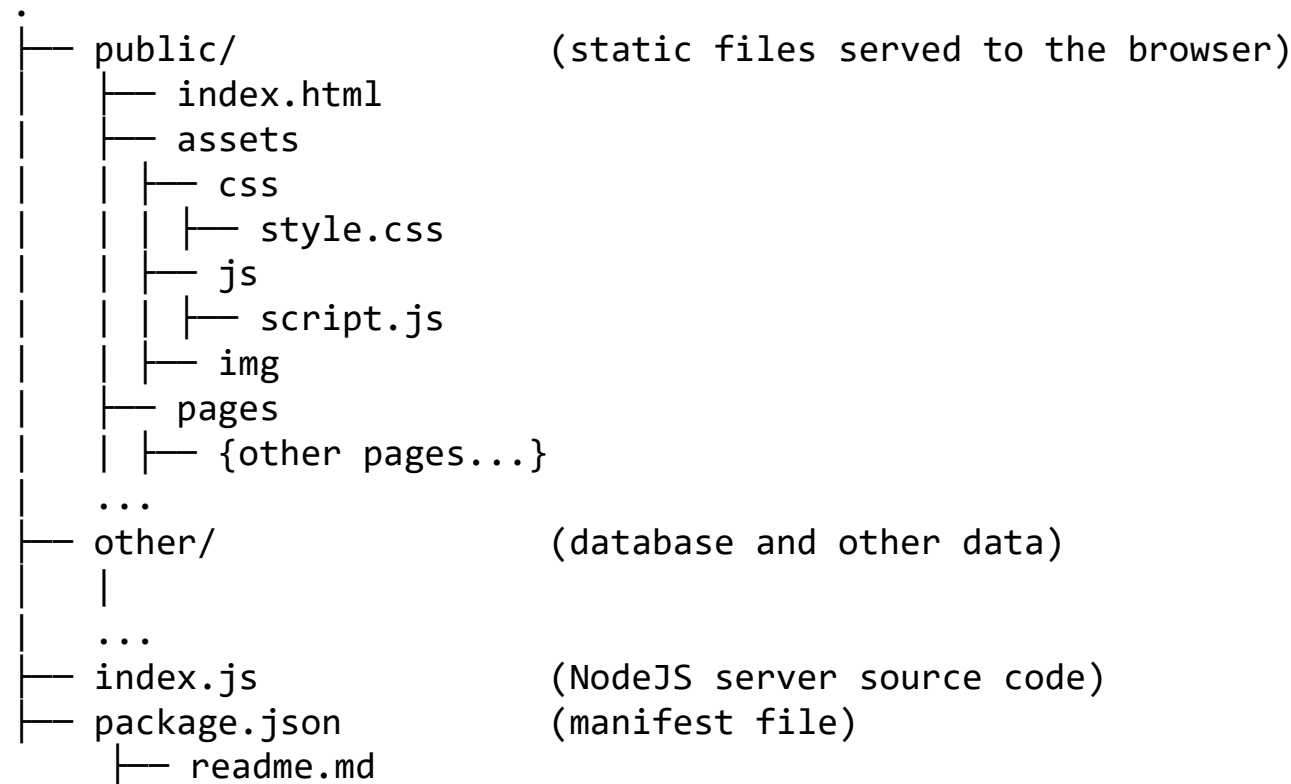
- **Responsivity:** use of the suggested rules from slides [4 points]
- **Structure:** tidiness of css, script, folders [2 points]
- **Accessibility:** respect of the accessibility requirements [2 points]



EXAM – FRONT-END TECHNOLOGY PART

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, except the homepage, Ordering and shipping information and the contacts page which should show just static info (not retrieved from the db) .
3. **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.
4. **Should the homepage have all the links working?** No, just the ones required (highlighted in yellow).
5. **How many Books? How many Authors? How many Events?** 5 each. Multiple topics must have their own unique page (e.g. author A must have a page, author B must have another page, as well as books and events).
6. **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.
7. **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.
8. **May I use Wordpress, Joomla or any other Content Management System (CMS)?** If you do it you will be excluded from the exam.
9. **Can multiple groups of topics and groups be on the same page with a filter panel to show only related items?** Yes, you do not need to create one static page for each view.
10. **Should transitional acts be pages?** Transitional items can be inserted inside the pages from where they are referring to. E.g. Service has many locations: insert in that service the list of locations unless the cardinality of locations is too high.
11. **Should reservation form be in single page? And Login?** NO, it is not mandatory, but recommended. It may also be placed in a meaningful and evident location of a significant page(for reservation) or menu bar (login). Registration instead must be in a single page. If you don't include registration functionality remember to give at least one user credential in your documentation.
12. **Related books should be taken by Recommender System?** No, absolutely not, define by yourself the things.
13. **Can we use JavaScript Frameworks?** No, Vue JS, AngularJS and React are not valid, unless explicit authorization from tutors.

