

My First Drupal Website

The goal of this project is to create a magazine website, where we will publish articles, events and basic pages. We should have the following pages: Home page (showing the latest content of all content types), News page (displaying articles of all categories), Events page (listing all the events) and About Us page. The Articles page should have subpages for each category they have (for example: Sports, Health, Music). The same goes for the events (for example: Concert, Cinema, Theatre) Make sure that your site has an appropriate theme (the theme should support multilevel/dropdown menus) and is extended with some useful modules (Admin Toolbar, Pathauto). You will need to create & modify content types, use taxonomy to categorize your pieces of content, build pages & blocks via Views, provide useful custom & system blocks, add new user roles with limited permissions (Editor and Chief Editor) and finally create & publish some real content (articles, events, blocks, taxonomy, users). As a result, you will have a fully working website.

Steps to follow:

1. Install Drupal (via Composer) on Pantheon: <https://pantheon.io/> (You can use the sites we created at our first meeting). Go to your project's dashboard in Pantheon and change the Development mode to SFTP and clear the caches. Then, go to your Drupal website, click on Extend, filter for Update Manager and enable the module. Now you can install modules and themes via the UI (the site's admin panel).
2. Install & enable the Admin Toolbar module (the first two submodules in the package) in order to make your navigation through the admin panel easier: https://www.drupal.org/project/admin_toolbar
3. Choose a theme from <https://drupal.org> that will suit your magazine website, install it and enable it.
4. Work with Content Types:
 - Change the Article content type. Reuse some of the existing fields, delete the unnecessary ones and add new, so that the Article CT ends up with the following fields:
 - Title
 - Image – needless to say, this is an image for your article

- Category – this will be a reference field pointing to a taxonomy, i.e. a vocabulary. That’s why you need to add a new Vocabulary first (Article Category) and add terms to the vocabulary (Sports, Health, Music) in advance. Make the Category field a select list (now you should see the terms listed as options)
- Time To Read (Време за прочитане на статията -> you should fill only numbers in this field and use the ‘suffix’ option to attach automatically the ‘min’ string to each value of the field. Hint: check the available settings on the field either when creating it, or later via the edit settings button on the field itself)
- Body/Text – holding the main text of the article
- Add a new content type called Event. Again, reuse some of the existing fields, delete the unnecessary ones and add new, so that the Event CT ends up with the following fields:
 - Title
 - Poster
 - Category – this will be a reference field pointing to a taxonomy, i.e. a vocabulary. That’s why you need to add a new Vocabulary first (Event Category) and add terms to the vocabulary (Cinema, Theatre, Concert) in advance. Make the Category field a select list (now you should see the terms listed as options)
 - Date & Time (use the default Date field)
 - Location – the address of the event (**the Address module sometimes causes issues on Pantheon websites, so simply use a plain, long text field!**)
 - Text – (simply edit the existing Body field and change its label from “Body” to ‘Text’)
- Do not forget to adjust the view modes of all content types in the most user-friendly way. Do it for both Default & Teaser display. For example, choose an appropriate widget from the Manage Form Display for the edit page. Also, reorder the fields & hide the unnecessary labels from the Manage display for the actual page seen by the end user.
- 5. Create the following pages using the Views module (you can use either view modes or fields):

- News -> path: [/news](#) . The teaser display should consist of the following fields: Title, Reading Time, Image and Body (summary or trimmed). Sort the articles by Date field – the most recent one should be at the top (Choose the correct one between Asc & Desc).
 - Health -> path: [/news/health](#). Fetch only articles of category Health. Get only Title, Reading Time, Image and Body (summary or trimmed) fields. Sort the articles by Content: Authored On. The latest articles should be displayed at the top.
 - Music -> path: [/news/music](#). Fetch only articles of category Music. Get only Title, Reading Time, Image and Body (summary or trimmed) fields. Sort the articles by Content: Authored On. The latest articles should be displayed at the top.
 - Sports -> path: [/news/sport](#). Fetch only articles of category Sports. Get only Title, Reading Time, Image and Body (summary or trimmed) fields. Sort the articles by Content: Authored On. The latest articles should be displayed at the top.
- Events -> path: [/events](#). Show only Title, Date & Poster fields. Sort the events by Date field – the most recent ones should be at the top (Choose the correct one between Asc & Desc).
 - Cinema -> path [/events/cinema](#). Fetch only events of category Cinema. Show only Title, Date & Poster fields. Sort the events by Content: Authored On. The latest events should be displayed at the top.
 - Concerts -> path [/events/concerts](#). Fetch only events of category Concert. Show only Title, Date & Poster fields. Sort the events by Content: Authored On. The latest events should be displayed at the top.
 - Theatre -> path [/events/theatre](#). Fetch only events of category Theatre. Show only Title, Date & Poster fields. Sort the events by Content: Authored On. The latest events should be displayed at the top.

Note: When creating your views pages, you are free to fetch data from the db either by a view mode or using fields!

6. The Frontpage Views page should display content of all major content types (articles & events).
7. Edit the main menu and add new menu links for the pages created via Views. Change their weight so that they appear in the following order: Home, News, Events, About Us. News

should have its subpages available as well. Have in mind that the items with bigger weight (the heavier ones) will be displayed lower in the list (in our case -> to the right). Nevertheless, it's easier to use the drag & drop functionality for reordering the menu items.

8. Modify the existing Content Editor user role and create a new one: Chief Editor. Set their permissions so that the Content Editor is able to create, edit and delete **only** his/her own content (Articles, Events & Pages), while the Chief Editor can manage them all. You may limit the rest of the editor's permissions as you find appropriate. **Also, don't forget to create a new user out of the existing Administrator role and to send me the credentials (username + password) together with your site's URL. I will use it to check & assess your projects as well as to provide you support in case of any trouble.**
9. Add the "Powered by Drupal" block to the Footer region of your website (note that your chosen theme may have it already there. In this case, add another already existing block by your choice).
10. Create a custom block called "Related Content" which may hold unlimited number of links pointing to other websites (add 3 links in your block). Place it inside one of the sidebars **only** on the front page.
11. Add a Views block called "Latest Articles" listing the titles of the 3 newest articles (the category doesn't matter – it can be any of them). You are free to use either fields in the Views or to create & use a new View mode "Small Teaser".
12. Install, enable & configure the Pathauto module so that you have pretty, user-friendly URLs: <https://www.drupal.org/project/pathauto>. You can build a pattern that generates a url alias out of the title field for all content types.
13. Use the Metatag module and provide the meta data for the node pages on your website: <https://www.drupal.org/project/metatag>.
14. Install the Simple XML Sitemap module and generate a sitemap of your pages: https://www.drupal.org/project/simple_sitemap.
15. Create real content on your website: 3 items per each category of each content type (Article & Event). You can use dummy text.
16. Make your project multilingual: you should have English + one more language of your choice. You should translate the content types and the blocks (including both the content itself and the labels of the fields) + the taxonomy terms and menu items + Views pages.
17. Enjoy your work! 😊

Now you should have a nice-looking & fully working website. Have fun! :)

*Note: If you choose another topic for your project, you should still make sure that you cover all the requirements described above but changed accordingly to your needs: having three Content Types, using Views, Taxonomy, Block System, Menu System, working with fields, view modes and so on. Feel free to use the sites we have been developing together and don't forget to enjoy yourselves in the meantime! ;)