

Project Assignment

1. Template project (Django project)

Mandatory requirements/Must haves

Your project **must** have all this functionality to pass the final examination.

- The project must have login/register functionality
- Must have public part (A part of the website, which is accessible by everyone – un/authenticated users and admins)
- Must have private part (accessible only by authenticated user and admins)
- Admin part (accessible only to admins)
- Unauthenticated users (public part) have only 'get' permissions (for Example – could see a landing page and for example all animals/furniture or whatever products you will have)
- Authenticated users (private part) – have full CRUD for all of their created content
- Admin part – Admin/s has full CRUD for all products/content, created by users on the website
- Forms (for register/login)
- Templates (your controllers/views must return HTML files) – one and the same template could be re-used/used multiple times (with the according adjustments, if such needed)
- Github/Gitlab – at least 5 commits and at least 5 days of history + README

Optional/Bonuses

- Custom CSS or bootstrap
- Front-End Framework (like Angular or React)
- Form validation
- Testing (unit testing)
- Class-based views
- Extended Django user
- Documentation/ Swagger
- Additional functionality, not explicitly described in this section, will be counted as a bonus if it has practical usage.

Project Public Defense

Each student will have to deliver a **public defense** of its work in front of the trainer/s. Students will have **15 minutes**, which must be allocated as follows

- **First 10 minutes: Application overview and demonstration** on how it works
- Following 5 minutes: readiness to answer questions.

Please be **strict in timing**! On the 10th minute, your presentation ends. The remaining time will be for Question/Answers session

Open the project assets **beforehand** to save time.

Be **well prepared** for presenting the maximum of your work within the time given. It is highly recommended that you practice the presentation at home with a stopwatch, to be sure that you will fit in the time provided.

Assessment Criteria

- All **mandatory/must have-s** requirements **must be met**. A project that **does not meet them will not pass the examination**
- Mandatory requirements give you 5.00 for the final grade
- To get 6.00, you need to **work harder** and provide some **extra functionality** to the project (at least one of the bonuses and answering all the questions raised. Your ability to **answers** to the **questions** validates that you have the **knowledge required** to pass the examination. Considering how you have answered the questions and how much bonus bullets you have done the final grade can scale.
- Present briefly the project and explain the code