USER MANUAL

In order to get access to the application, the following address should be navigated to
https://dosa.fer.hr/rppp/12/

Main page

At the top of the page lays navigation. It consists of the emulation of the logo and four menu items
The leftmost text in yellow represents the team's number, and clicking on this text leads to the redirect to the basic page of the aforementioned address (https://dosa.fer.hr/rppp/12/)
Apart from that, the 4 menu options are present in the same bar. Each item represents a member of the team. Clicking on the name opens a submenu related to the chosen member. Submenu contains the list of real-life objects the information about which can be browsed through, edited, updated or deleted. The respective text should be clicked in order to navigate to the page with information.

For example, let's take a menu item called "Egor Shevtsov". Clicking on the name opens a submenu with the only option available – **"Plots"**. Choosing this option leads to the page with all the available information about plots (https://dosa.fer.hr/rppp/12/Plots/view)

The submenu can be closed by a second click on the same menu item (name a team member) or by clicking on another menu item – in this case, opening the submenu for the respective name will trigger the closing of the previous submenu

This menu is present on every page and the aforementioned behaviour stands for each of them

Plots/view

The page has the menu at the top. The body of the page consists of a table with information about plots and a toolbar just above the table

The toolbar has three buttons: *"Create new plot"* (redirects to the page where one can create a new plot, https://dosa.fer.hr/rppp/12/Plots/create), *"Reset sorting"* (resets all the set sorting without changing current page), *"Generate PDF report"* (generates a pdf document with all the information about the plots that is present in the table and opens the document in the new tab; the data is sorted by the size of the plot ascendingly)

The table consists of four main parts – the header, the body, the actions panel and paging.

The header of the table gives names to the data presented in the respective column. By clicking on the arrows next to the name of the column the sorting by the corresponding column is performed. Clicking on the upper arrow triggers sorting the data ascendingly, and on the lower one – descendingly. If the sorting by the column is active, the respective arrow turns red. Clicking on the red arrow is equivalent to pressing the **"Reset sorting"** button – the data in the table will be sorted by the default column (Id) in the default order (ascendingly)

It is not possible to sort data by multiple columns simultaneously. Clicking on the inactive (non-red) arrow automatically turns the active arrow (if present) non-active.

The actions panel for each row takes the last mini-column of the table, where 3 buttons can be found (from top to bottom): "Details" (redirects to the page with more details about the chosen plot, https://dosa.fer.hr/rppp/12/Plots/detail/{id}), "Edit" (opens the page where the plot-related data can be changed) and "Delete" (deletes the chosen plot after confirming this action in the appeared pop-up window; to delete the plot, option "Yes" should be chosen, otherwise, no changes will be made; the notification with the status of deleting will appear at the bottom part of the page marking the successful deleting or providing the text of an error occurred)

The number of plots shown simultaneously on the same page is limited. To navigate through all the available plots it is necessary to use paging (right bottom corner below the page) – it is enough to press the button with the number to go to the corresponding page. The button that leads to the current page has a blue colour.

Plots/create, Plots/edit/{id}

These pages can be divided into three main parts: a toolbar with buttons and a header, plot fields for creating/editing and creating/editing/deleting the plants associated with the current plot.

The toolbar consists of a header, a *"Return to the list"* button (redirects to the **Plots/view** page) and a *"Save"* button. The *"Save"* button triggers the validation and the saving process for both the plot and plants associated with this plot – it is not possible to save plants separately from this page.
The plot does not have to have any plants attributed to it

The plot fields area allows one to enter/change the data for the new/current plot. In order to do so, the values in the provided fields should be modified. Pressing *"Save"* is required to save the data. Before saving the data will be validated and if the validation fails, the message will appear under the respective field.
The status of creating/updating will appear at the bottom of the page marking the success of providing the text of an error

The plants area allows to add/update/delete information about the plants for the chosen plot.
In order to change the data, the respective fields should be modified.
In order to add information about the new plant, all the fields of the last row of the plants' table should be filled up after which the button in the actions panel should be clicked. The number of plants created is not limited
In order to delete the specific plant, the corresponding *"Delete"* button should be clicked.
For all the changes to be saved, it is important to press the *"Save"* button in the toolbar. If the page is left without this button pressed, no changes will be propagated and no changes will be seen upon return to the page

The values in the column **"Species"** are autocompleted - it is enough to start typing inside the corresponding field and a list of available options that match the entered text will be given. It is necessary to click on the option in the suggested list in order for the value to be correctly stored.
The values in the **"Nutritional values"** columns are formed automatically based on the value in the column "species" and can't be changed manually from this page.

Successful saving creates a redirect to the **Plots/edit/{id}** page of the same plot

Plots/detail/{id}

The page has a similar structure to **Plots/create** and **Plots/edit/{id}** pages with minor differences:
- it is not possible to edit any data on this page
- however, if editing is needed, the *"Edit"* button in the toolbar will redirect to the Plots/edit button of the plot
- some additional information is shown for the plot – infrastructure attached to the plot and leasings that involve this plot; this data is not changeable on any of the aforementioned pages, including the current one