

The interactive prototype can be accessed via the link -

<https://diana657749.invisionapp.com/console/share/PK2PQNB5XU/672633094>

Below is a description of the user interface (UI) depicted in the prototype.

Table 1. The page where user can see the list of students

	Type	Label	Validation	Required	Comments
1.	Breadcrumbs	-	-	-	
2.	Accordion	Filter tools	-	N	Nested controls are described in the Table 2.
3.	Button	Add	-	N	Clicking leads to page where user can create student profile – described in Table 3
4.	Button	Edit	Field #10 must contain 1 selected item	N	1. Tooltip # 6 appears while pointer hovers over 'Edit' button. 2. Clicking leads to page where user can edit student profile – described in Table 3
5.	Button	Delete	Field #10 must contain selected at least one item and all selected must have status 'Inactive'	N	1. Tooltip # 7 appears while pointer hovers over 'Delete' button. 2. Control #8 appears after clicking 'Delete' button
6.	Tooltip	-	Appears while pointer hovers over 'Edit' button. Text = 'Select one student'	-	
7.	Tooltip	-	Appears while pointer hovers over 'Delete' button. Text = 'Select students with 'inactive' status'	-	
8.	Pop-up	-	Trigger - clicking 'Delete' button Heading – 'Alert' Text – 'Are you sure you want to delete a student's profile?' Action buttons – 'No', 'Yes'	Y	
9.	List view	-	-	-	Values are retrieved from data base <studentsprofiles>; 7 columns with headings: Select, First name, Last name, DOB, Class, Parents agreed to attend meetings, Status; Sorting is available in each column
10.	Checkbox	-	Default state is unchecked; Count: equals to the number of all student profiles	N	
11.	Paginator	-	-	-	
12.	Vertical scroll bar	-	-	-	

Table 2. Controls nested in the field #2 (Accordion)

	Type	Label	Validation	Required	Comments
2.1.	Input	Last Name	All symbols are available	N	
2.2.	List box	Class	Default value is 'All classes'	N	Includes 12 values: Separate digits from 1 to 11 'All classes' = selected [1;11]
2.3.	Toggle	Status	Values are 'Active' and 'Inactive'. Default state is 'Active'	N	
2.4.	Toggle	Parents agreed to attend meetings	Values are 'Yes' and 'No'. Default state is 'Yes'	N	
2.5.	Button	Show students	-	N	

Table 3. The page where user can create\edit student profile

	Type	Label	Validation	Required	Comments
13.	Breadcrumbs	-	-	-	
14.	Icon (arrow)	-	Acts as button	N	1. Clicking after saving leads to page with list of students; 2. Control #16 appears after clicking icon without previous saving
15.	Icon	-	Acts as button	Y	1. If all required fields are not empty - clicking leads to 'Successful saved' page 2. Otherwise empty required fields are highlighted in red
16.	Pop-up	-	Trigger - clicking icon #14 without previous saving Heading – 'Alert' Text – 'Leave the page without saving?' Action buttons – 'No', 'Yes'	Y	
17.	Tooltip	-	Appears while pointer hovers over icon #14 Text = 'Go to the list of students'	-	
18.	Tooltip	-	Appears while pointer hovers over icon #15 Text = 'Save profile'	-	
19.	Input	First Name	All symbols are available; Must not be empty	Y	
20.	Input	Last Name	All symbols are available; Must not be empty	Y	
21.	Date picker	Date of birth	Format YYYY.MM.DD Date must not be later than today. Date must not be earlier than 2003.01.01.	Y	

			Must not be empty		
22.	Dropdown list	Class	Default value is '1'	N	Values correspond to the digits from 1 to 11
23.	List box	Specialization	Default value is 'None'	N	Values are: None Math Languages Natural Science
24.	Group of 2 radiobuttons	Participates in olympiads	-	N	Radiobuttons with 'Yes' and 'No' options
25.	Group of 2 radiobuttons	Parents agreed to attend meetings	-	N	Radiobuttons with 'Yes' and 'No' options
26.	Group of 2 radiobuttons	Status	-	N	Radiobuttons with 'Active' and 'Inactive' options
27.	Text Area	Student description	Max length 500 characters	N	