





User Manual

Table of Contents

1. ICONS	2
2. ACCESSING THE APPLICATION	3
OPTION 1: EXISTING USER ACCOUNT	3
OPTION 2: NEW USER ACCOUNT	3
3. VISUALISING DATA	4
3.1 CANVAS	4
3.2 SELECTING DATA SETS	4
3.3 MERGING DATA SETS	4
3.4 VISUALIZATION OPTIONS	4
4. ACCESSING THE APPLICATION	6

1. Icons

ID	Icon	Function
student		List of data sets available to be visualized: <ul style="list-style-type: none">• Student Gender• Student Grades• Student Year• Student Attendance
manual		Help / Manual: <ul style="list-style-type: none">• User manual

2. Accessing the application

When you open the SIMS Discover application, a login page (Figure 1).

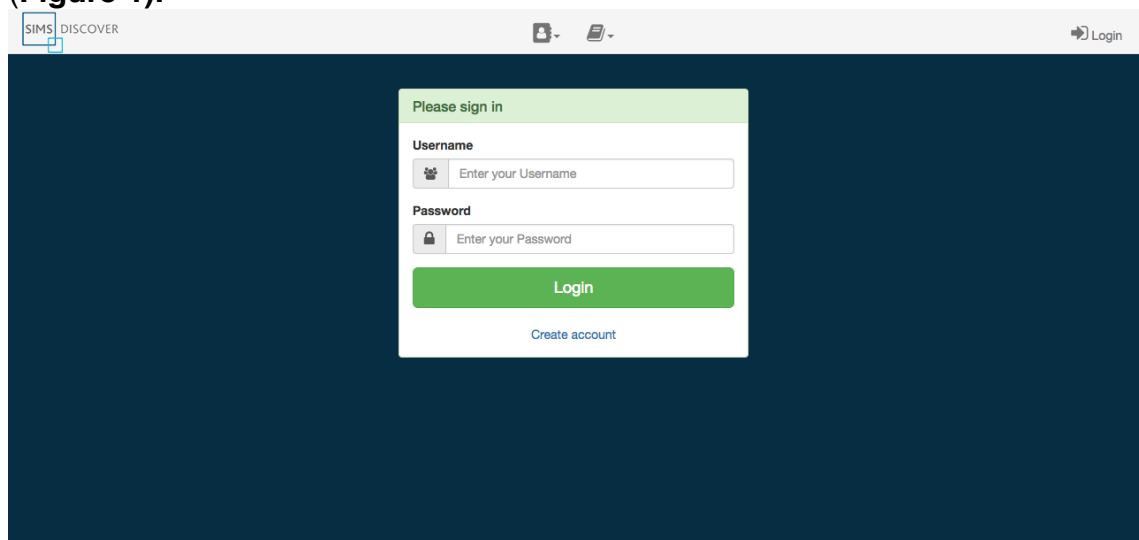


Figure 1: Login page

Option 1: Existing user account

1. Enter your username.
2. Enter your password.

Option 2: New user account

1. Click **Create account** at bottom of the page.
2. You will be redirected to a register page.
3. Fill in all the required fields (**Name, Email, Username, Password**).

4. An error message will be displayed if the email is already registered or if password or email are less than 5 characters long.

3. Visualizing Data

3.1 Canvas

After logging in, you will be redirected to **Figure 2**, consisting with a toolbar (icons found in **Section 1**) and a canvas.

The canvas will be your work area where you will be able to drop data sets to visualize them.

3.2 Selecting data sets

1. Click on **student** (refer to **Section 1**) button on the toolbar.
2. As seen in **Figure 2**, you will be shown four data set options:
 - Student grades
 - Student gender
 - Student year
 - Student attendance
3. Drag and drop any of the options on the canvas, and a visualization will be displayed

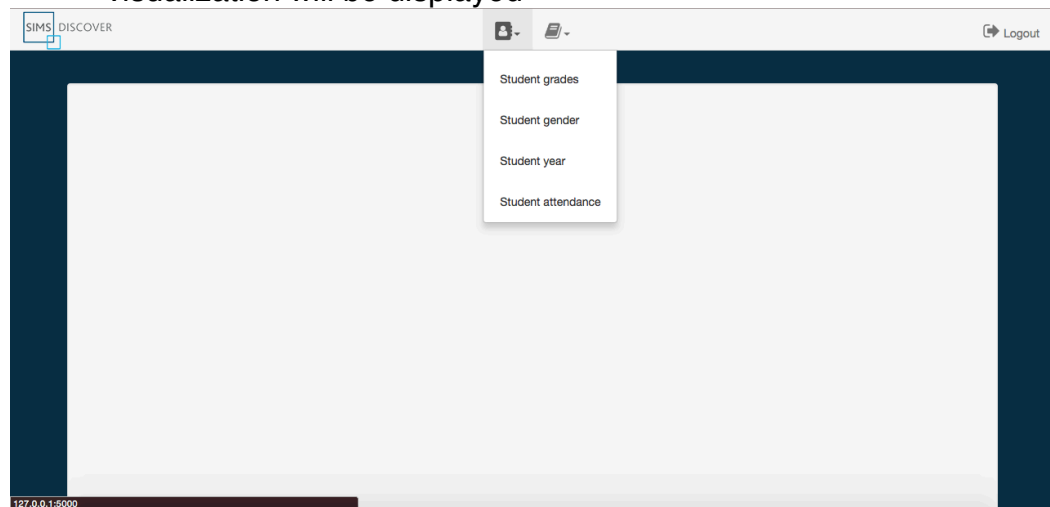


Figure 2: Student button

3.3 Merging data sets

If the following pairs of data sets are dropped consecutively on the canvas, a bar chart with both data sets will be displayed:

- Student gender and student grades
- Student gender and student attendance

3.4 Visualization options

- **Bar charts**– used for gender, attendance and grades.
 - Grouped (**Figure 3**) – one bar per set.

- Stacked (**Figure 4**)– sets displayed on top of each other. Useful when merging data sets.

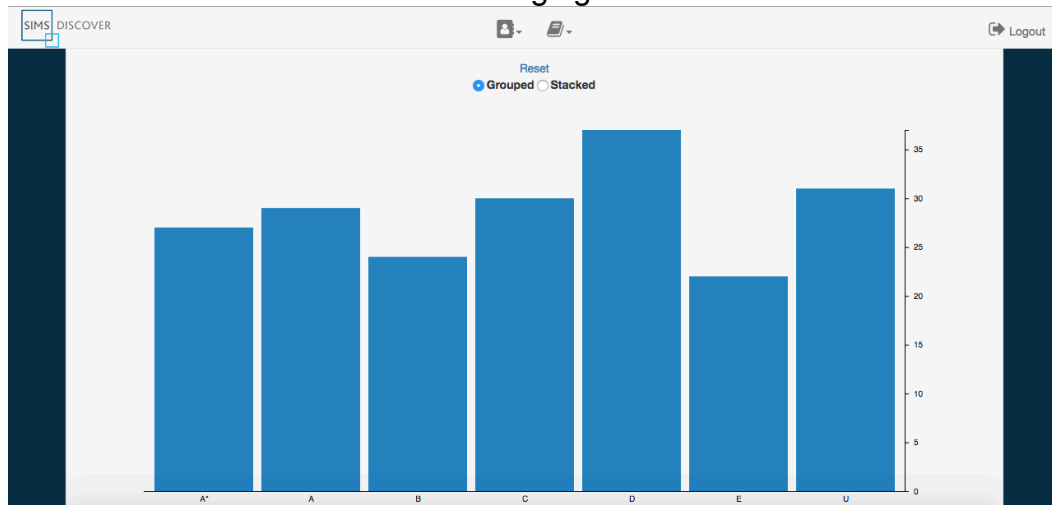


Figure 3: Grouped bar chart

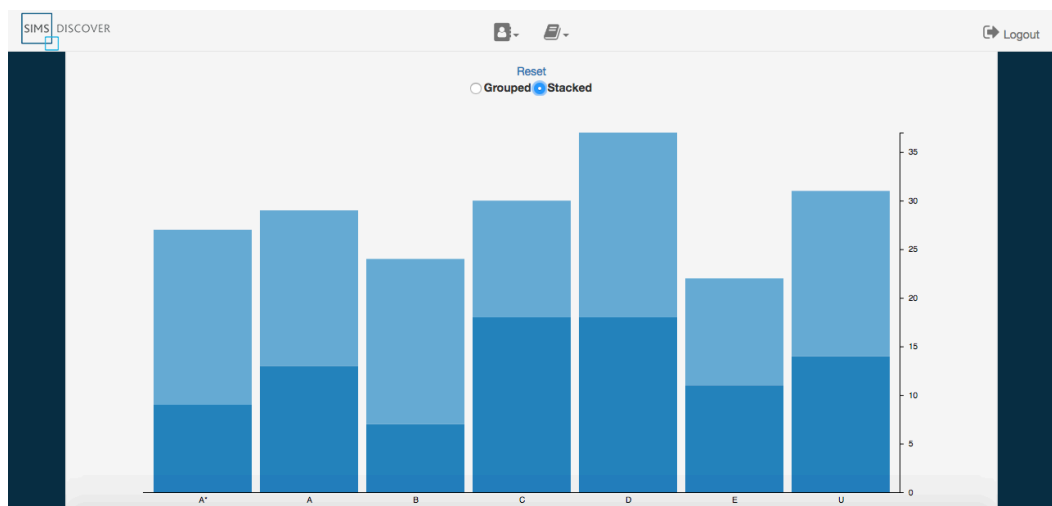


Figure 4: Stacked bar chart

- **Pie charts** – used for year.

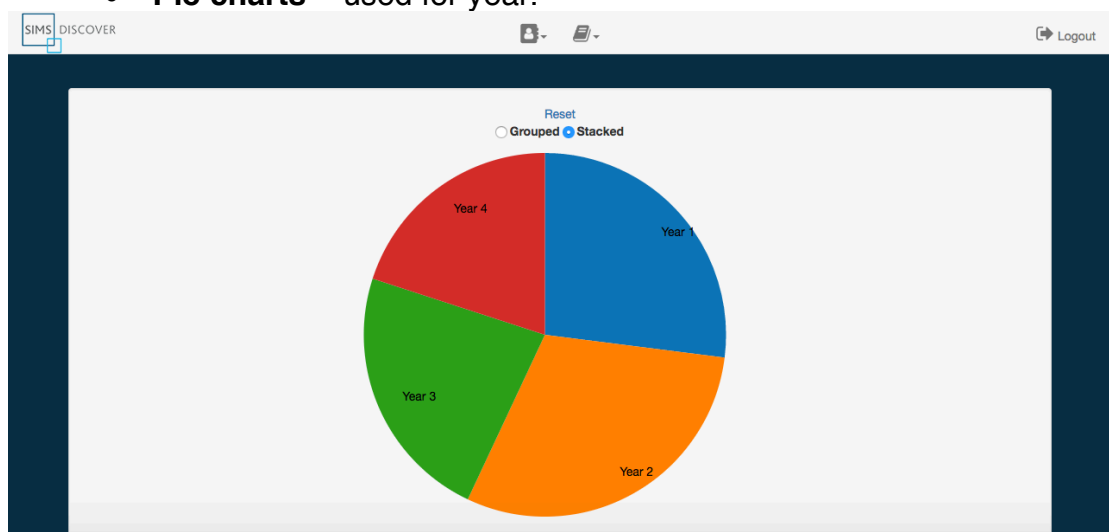


Figure 5: Pie chart

4. Further Enquiries

For any enquiries about, visit our page:

<http://students.cs.ucl.ac.uk/2016/team1>

Or optionally, email a member from our team:

- Carlota Ortega Vega
carlota.ortega.15@ucl.ac.uk
- Bethany Graves
bethany.graves.14@ucl.ac.uk
- Fasbeer Eskander
fasbeer.eskander.15@ucl.ac.uk