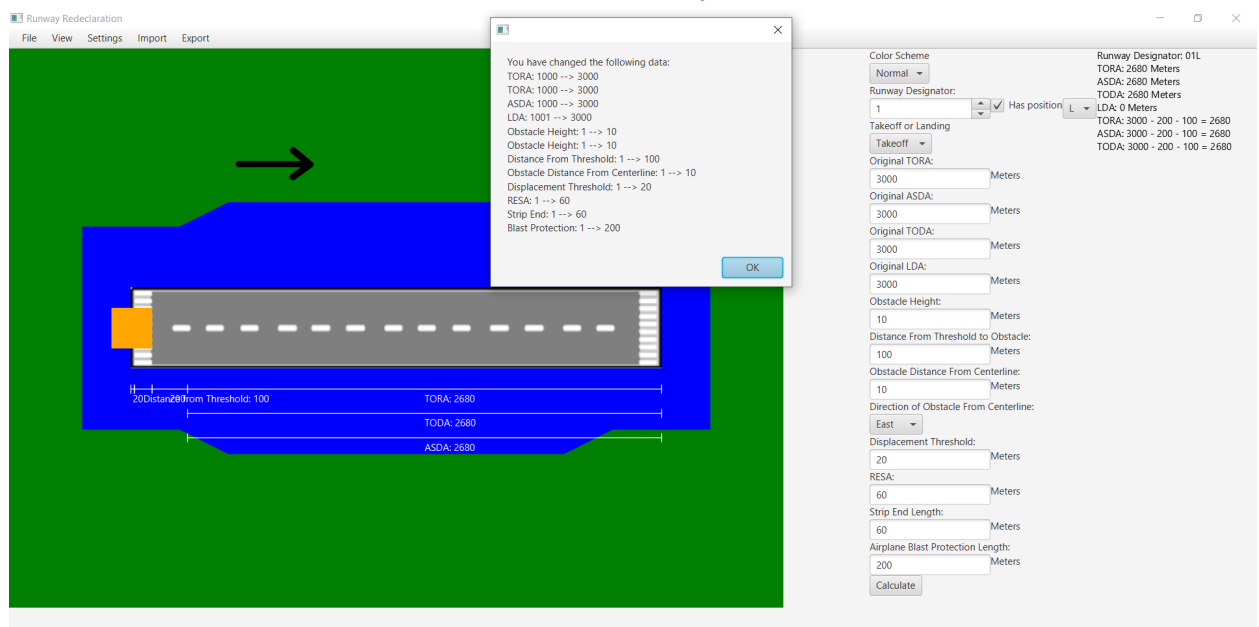


1. Jaden - aerodrome controller
  - Jaden opens the runway redeclaration app
  - Jaden chooses the “Top View” from the “View” toolbar
  - A top-down view page is displayed
  - Jaden enters the values of a runway with an obstacle
  - He accidentally enters the value of LDA to be larger than the TORA
  - After pressing the Calculate button alert pops saying “LDA cannot exceed TORA”

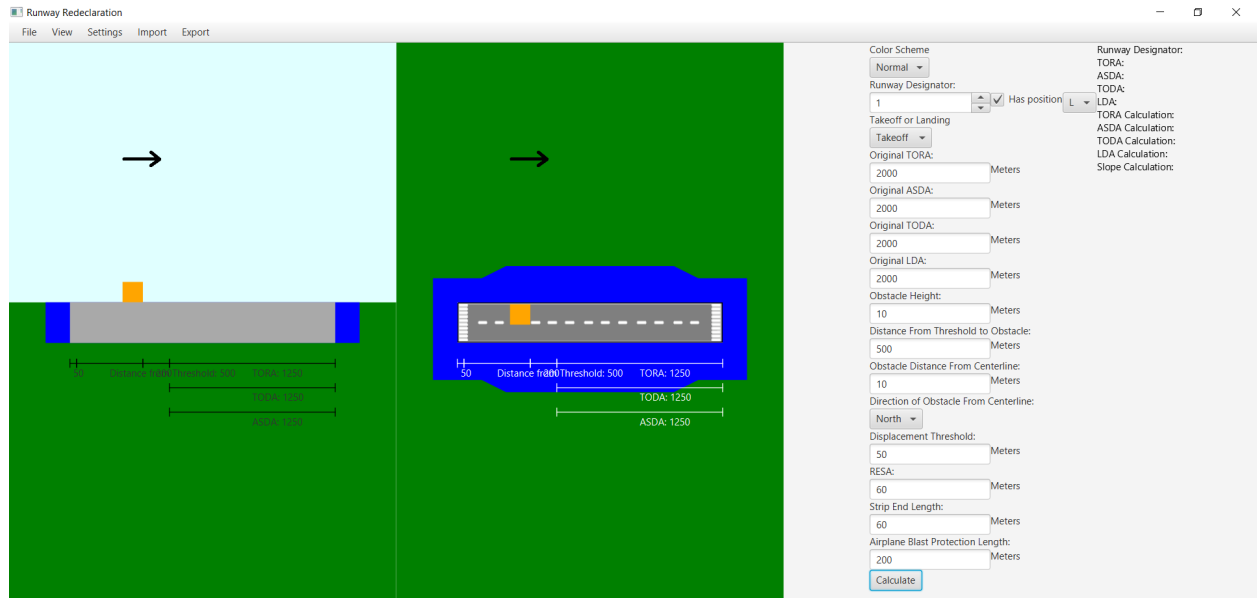


- He reenters the correct value
- He presses the Calculate button
- Jaden sees exact top-down visualization of the runway

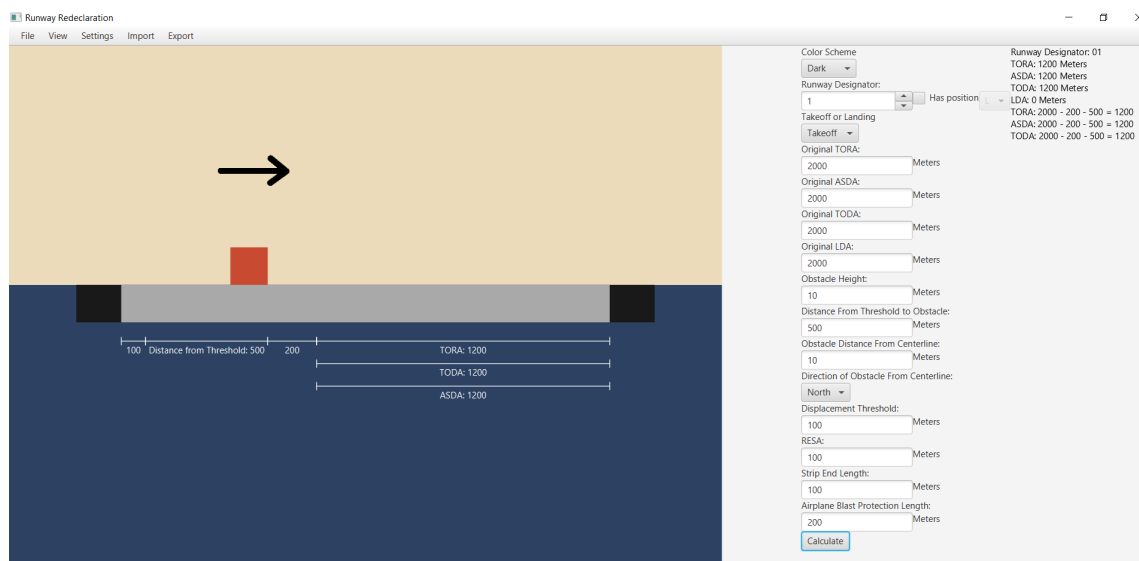


- Jaden clicks “View” at the toolbar and then clicks “Slide View”
- A side view page is displayed

- Jaden once again enters the same correct values
- A side view of the runway is visualized
- The indicators show the exact values of the runway
- Jaden clicks “View” and then chooses “Top and Side View”
- A screen split into side view on the left and top view on the right is displayed

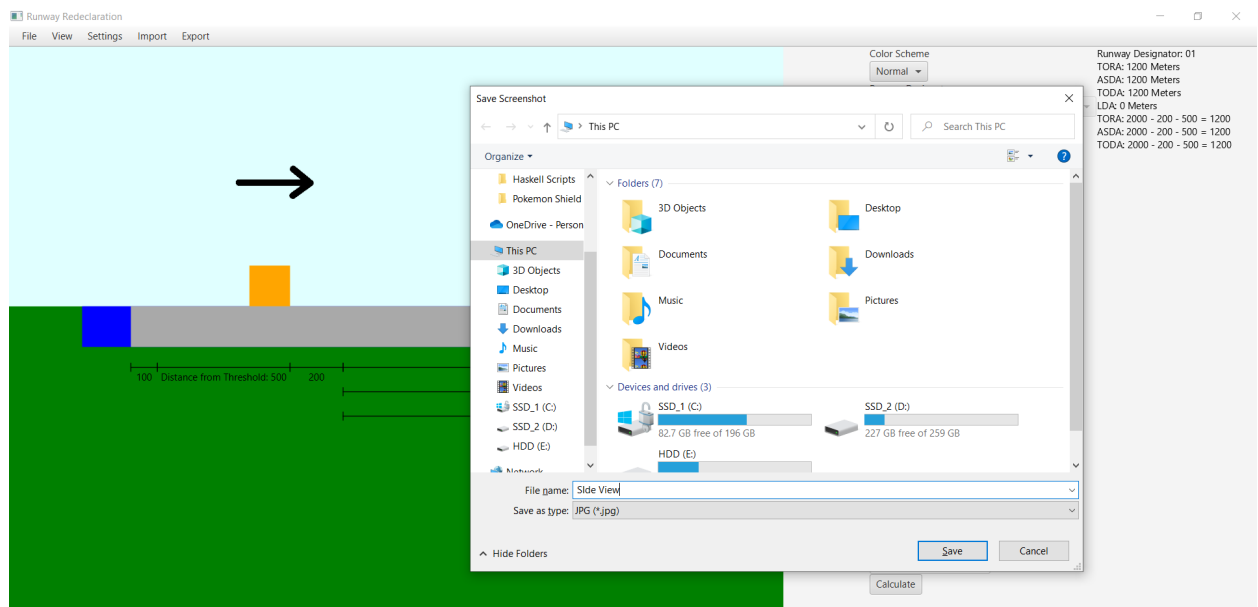


2. Jane - approach controller
  - Jane opens the runway redeclaration app
  - Jane chooses the “Side View” from the “View” toolbar
  - A side view page is displayed
  - Jane clicks on the drop down menu under “Color Scheme” and chooses “Dark”
  - The color scheme of the application becomes dark
  - Jane enters the values of a runway with an obstacle
  - She presses the Calculate button
  - Jane sees how much of the runway is usable and in what direction is the plane coming/going

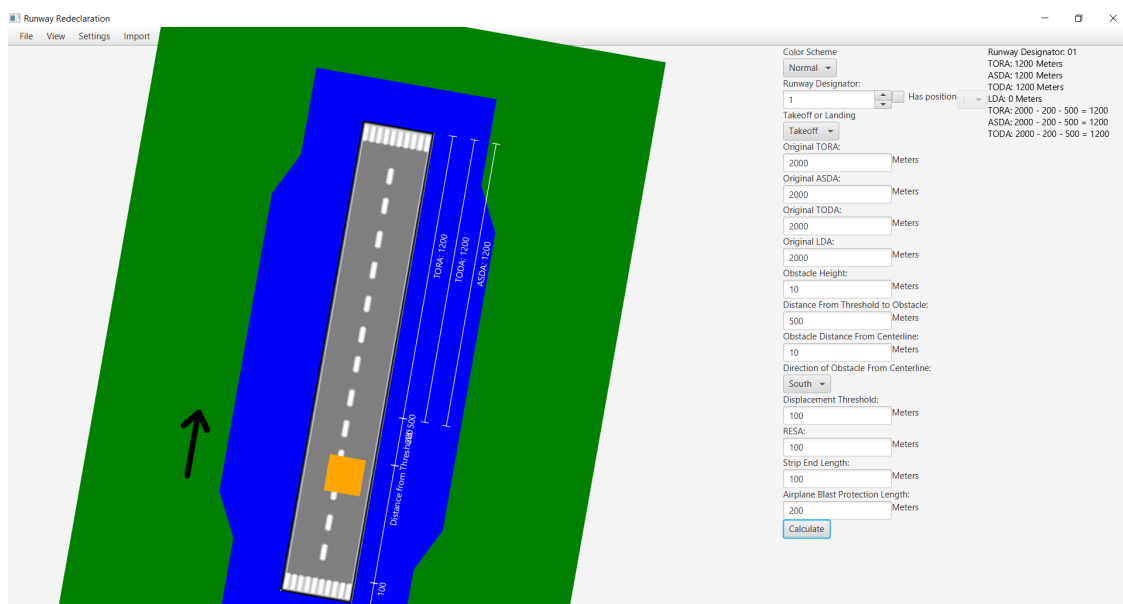


### 3. Gemma - independant calculator

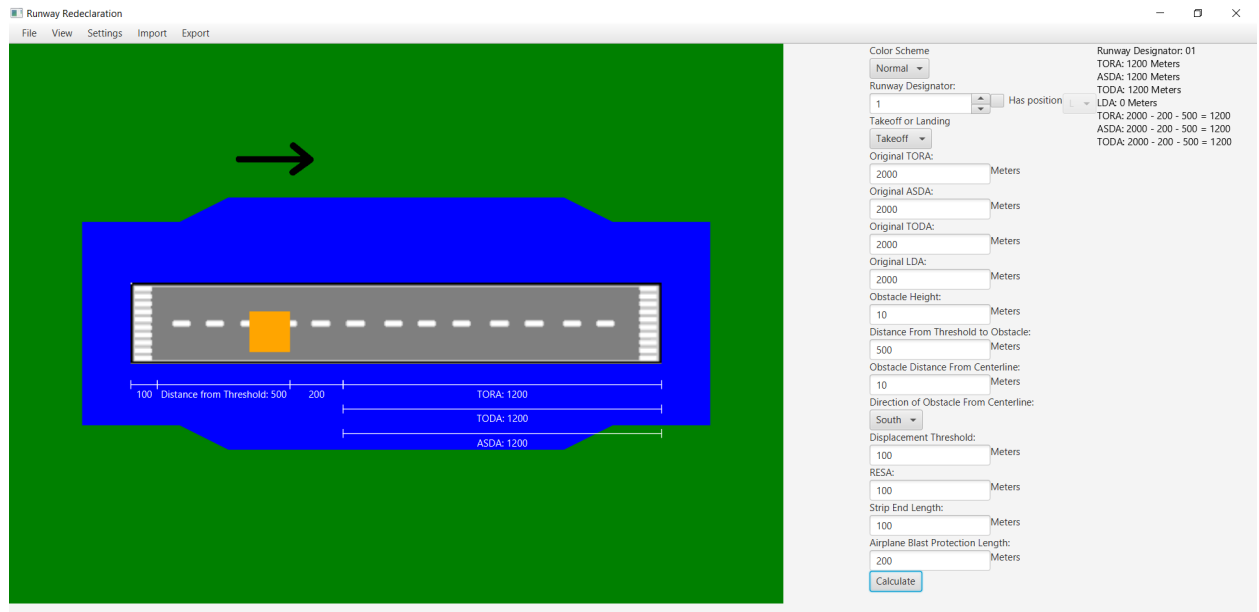
- Gemma opens the runway redeclaration app
- Gemma selects “View” from the toolbar and then chooses “Side View”
- A side view page is displayed
- Gemma enters the values of a runway with an obstacle
- She presses the Calculate button
- Gemma checks all the newly displayed values
- Gemma clicks on “Export” and then chooses “Export as JPEG”
- Gemma chooses a directory where to save the picture of the side view plus the entered values and results on the left.



- Gemma selects “View” from the toolbar and then chooses “Top View”
- Gemma clicks on “Settings” and then on “Enable View Rotation”
- After entering the values and pressing “Calculate” the view rotates according value chosen from the drop down menu under “Direction of Obstacle From Centerline”



- Gemma clicks on “Settings” and then on “Disable View Rotation”
- Gemma presses “Calculate” once more and the view is displayed normally



- Gemma clicks on “Export” from the toolbar and then chooses “Export as XML”
- Gemma chooses directory and name of the file and saves it
- Gemma clicks on “Import” and then chooses “Import XML”
- Gemma chooses a file from the file explorer and clicks it
- New Values are loaded from the file
- Gemma presses “Calculate” and sees the view of the loaded runway
- Gemma clicks “File” at the toolbar and then exit
- The application closes