BALANCE LIFT & BREAKDOWN

A PRESENTATION BY
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REQUIREMENTS

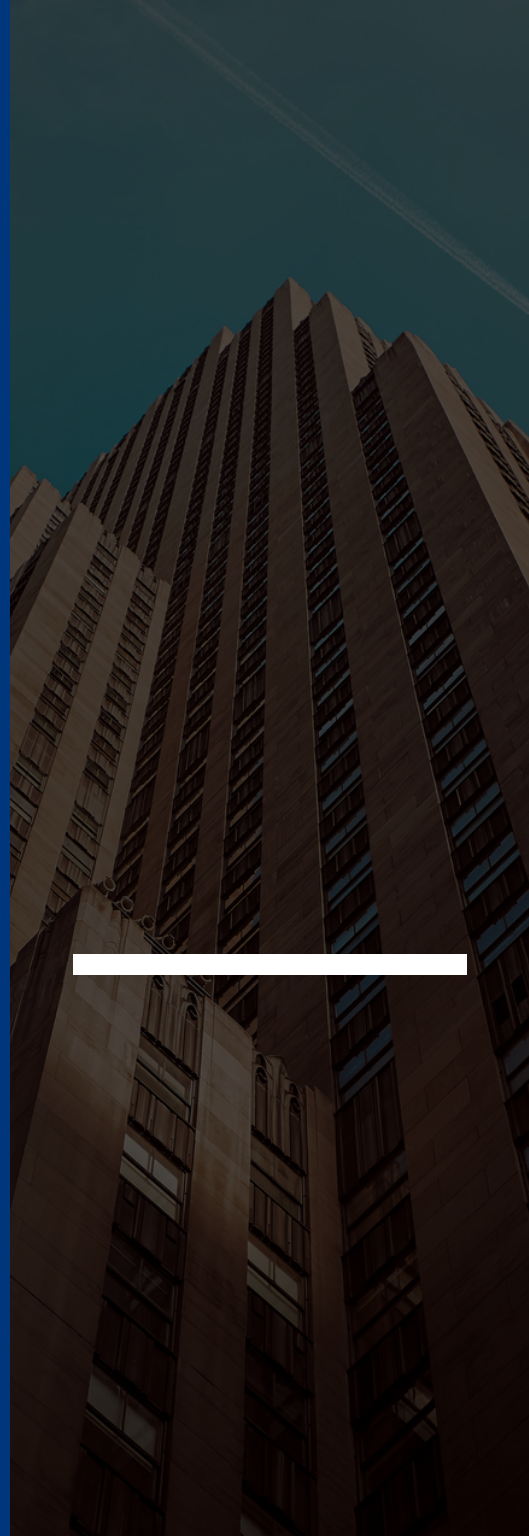
1. *There's a fixed size of stabilized horizontal platform, the size could be adjusted using any specified value as a function argument*

2. *There're 10 kinds of people weight as 45, 55, 60, 65, 70, 75, 80, 85, 90, 100 kg from the smallest size to the largest size, accordingly*

3. *At the initial state the platform's weight limit will be randomized between (450~800 kg)*

4. *At the initial state the platform is placed with a randomized amount (between 1~3 ea) and size of people into the platform*

5. *Create a graphical simulation to represent the breakdown state of the platform when adding some more people into the platform*



EXPEXTED RESULT

1. THERE MUST BE A SYSTEM LOG VARIABLE TO KEEP RECORDING THE PROCEDURE WITHIN YOUR SOFTWARE

2. THE PLATFORM COULD BE EITHER IMAGE OR DRAWN SHAPES

3. THE PEOPLE MUST BE ICON IMAGE

4. THE INPUT PEOPLE'S SIZE COULD BE CHANGED USING KEYBOARD/MOUSE INPUT

5. THE LIFTING LEVEL OF THE PLATFORM WILL BE CHANGED ACCORDING TO THE LOAD'S WEIGHT

6. THE NOTIFICATION MESSAGE MUST BE DISPLAYED WITHIN THE WINDOW IN DIFFERENT COLOR TO REPRESENT THE PERCENTAGE OF LOAD'S WEIGHT IN RESPECT TO THE WEIGHT LIMIT

7. THERE MUST BE A RESET BUTTON TO RESTART THE GRAPHICAL SIMULATION PROGRESS

8. ONCE THE SIMULATION IS CLOSED, THE SYSTEM LOG MUST BE SAVED AS AN EXPORTED FILE (IN ANY READABLE FILE FORMAT)

THANK YOU!

Goal Setting • Achieve your goals the Smart way!