



## Mini Logbook

Create a single screen application:

- The user can select a unit for their blood glucose (BG) value (mmol/L or mg/dL)
- The user can enter a BG value with a numeric keyboard into a text field; the value must be  $\geq 0$
- A label next to the text field reflects the unit of the value the user is about to enter
- When the user presses “Save”, the value should be kept and a label displaying the user’s average BG values gets updated
- The user can create multiple values
- Clear the text input after a successful save
- Find a suitable way to display previously entered values
- Keep the values in memory or (for extra points) persist them
- Changing the unit updates all labels and converts the value in the text field accordingly
- The conversion factor is  $1 \text{ mmol/L} = 18.0182 \text{ mg/dL}$
- Take proper measures to ensure that your code works correctly
- The mockup is only a suggestion, use native components as you see fit.