CALIBRATION OF LAB EQUIPMENT USING AUGMENTED REALITY

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CALIBRATION OF LABORATORY EQUIPMENT USING AUGMENTED REALITY

- Purpose of the project:
    - To create a platform where user can enter instructions and match them with markers to be viewed later in AR
    - Initially for laboratory equipment, but it can be extended further.

    - Currently it is at the prototype stage and usable on phones and tablets.

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- Used Development Tools:
    - Unity
    - Vuforia
    - Firebase

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- Landing screen

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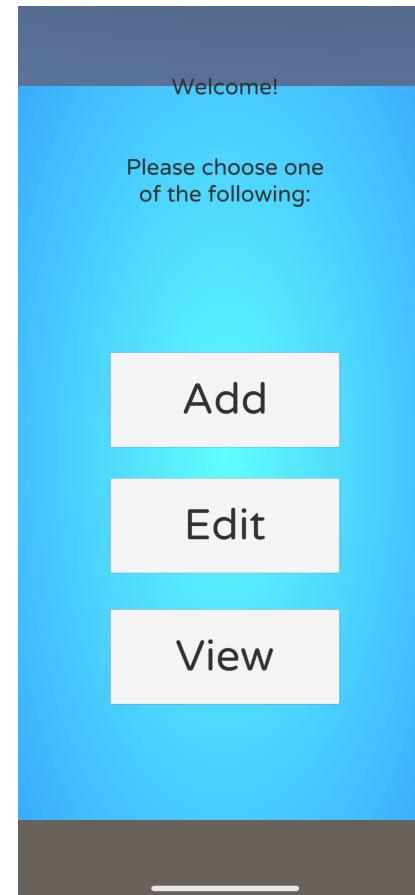
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- Entering user input and selecting corresponding marker with a dropdown menu
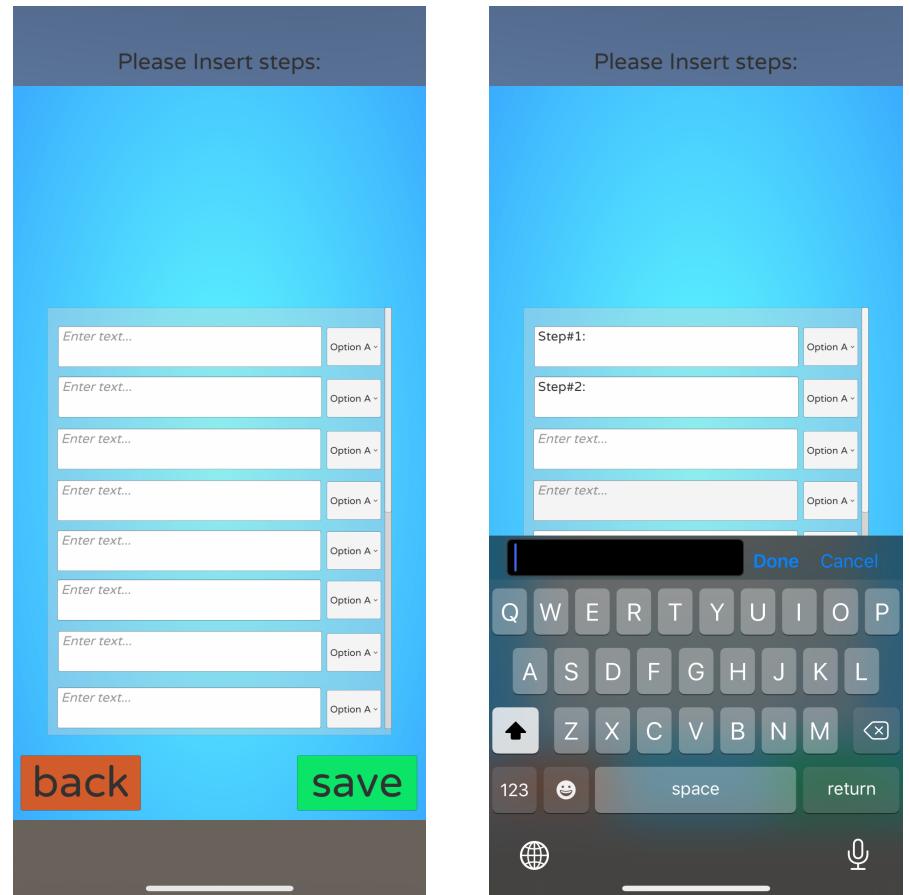
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- Recognition of a marker and showing corresponding instruction
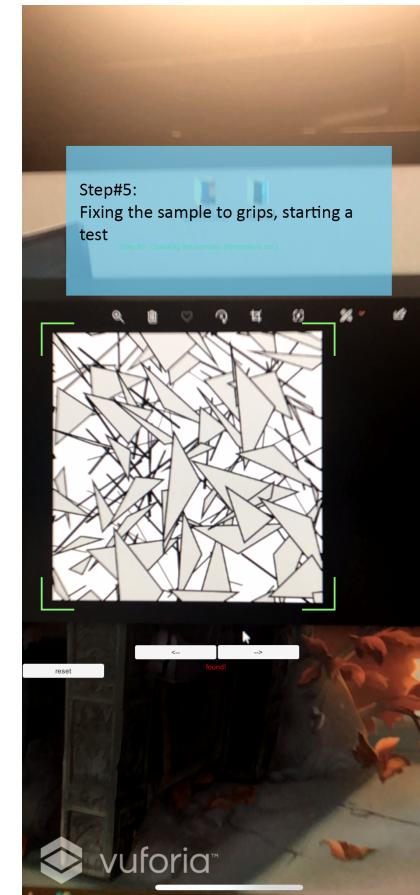
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- Further steps of the project:

    - Currently it is just a prototype.
    - User experience and User Interface will be improved.
    - It can be developed further to be used on smart glasses such as HoloLens.