AR decision support Architecture Document

V1.1

Prepared for ICT group

Created by [Borislav Gramatikov]

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Revision History

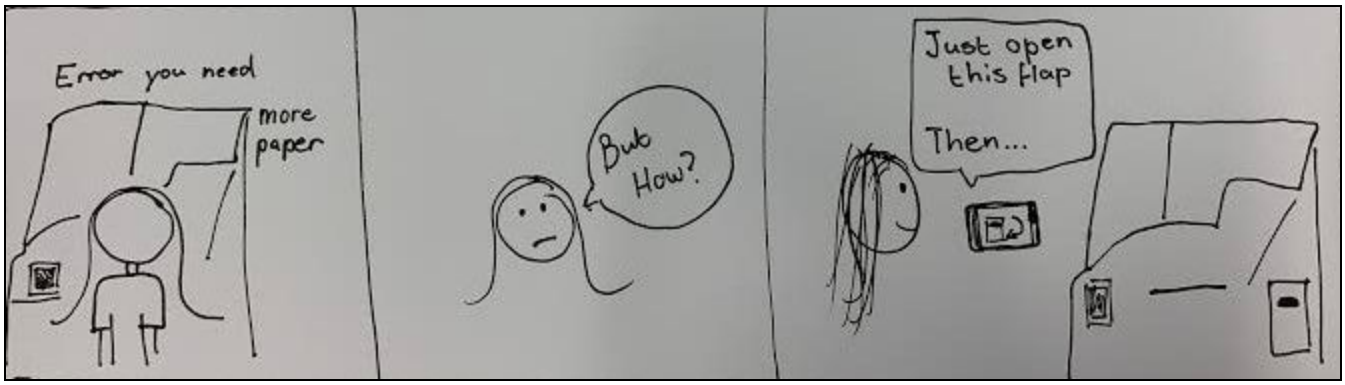
Version	Date	Name	Description
v1.0	09/Aug/2019	Samer Boules	1. Add Overview section 2. Add AR platform options 3. Add feature list 4. Add function blocks
v1.1	16/Sept/2019	Borislav Gramatikov	

Overview

Project goal

The goal is to create an app where a user can create their own workflow or process which in return will be able to be used by others. The function of the app can also be defined as an AR representation of an algorithm, a step-by-step approach to solving a task.

Storyboards



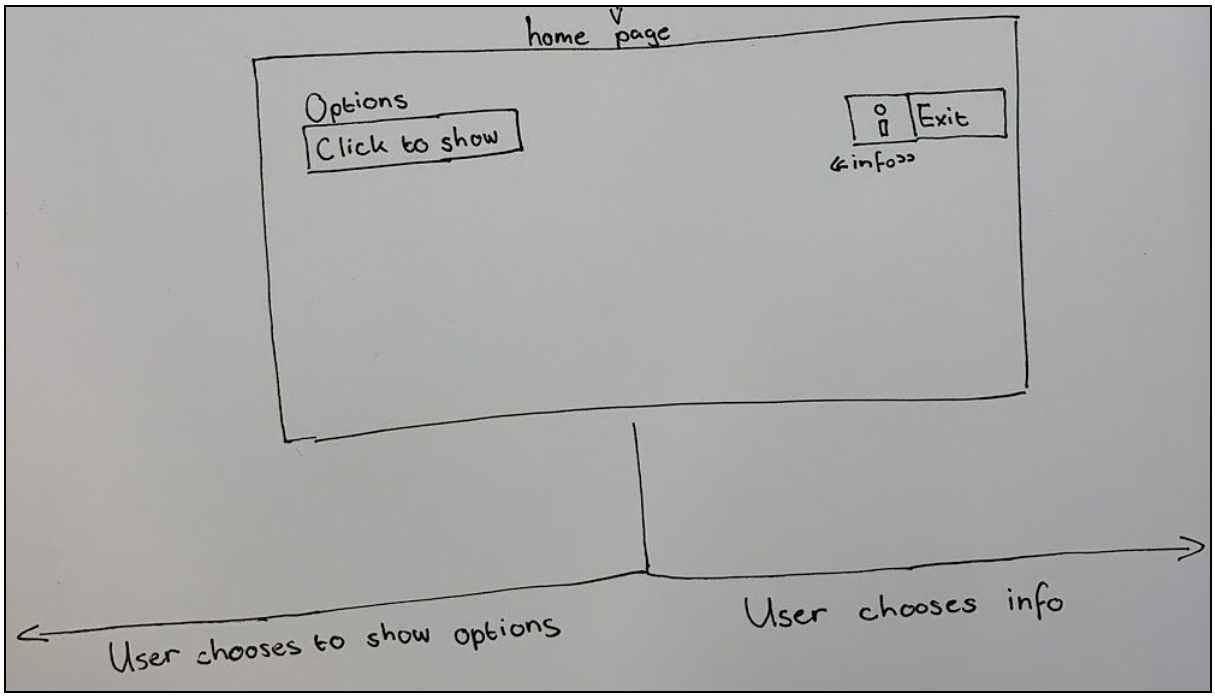
Wireframes

General information

Chosen wireframe tool for this project: Mock flow.
Website: https://www.mockflow.com

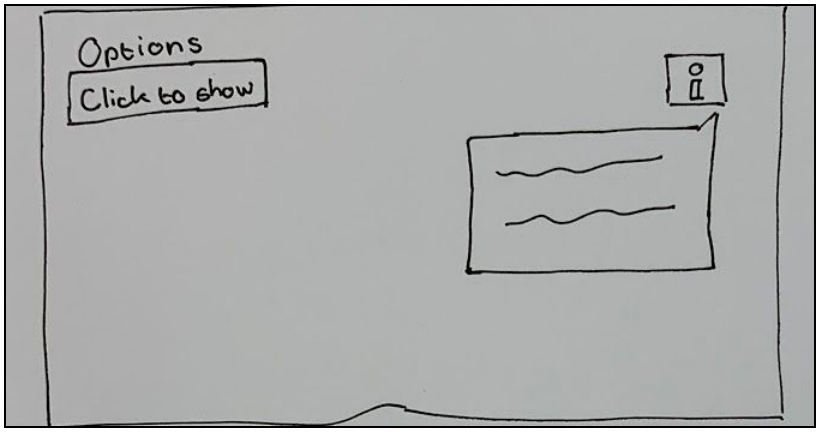
Wireframe guideline

Home page
From here the user is able to show the options page and click the information button



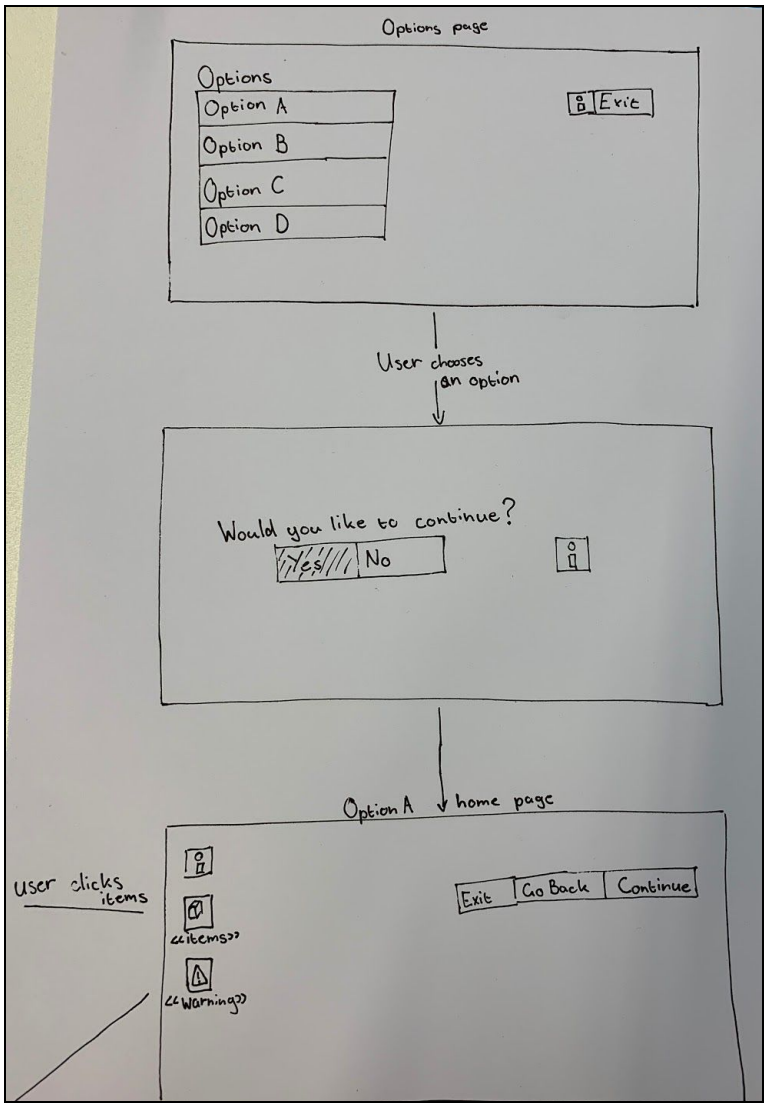
Information page

When the information button is clicked. There will be a popup showing general information about what is being presented on the screen.



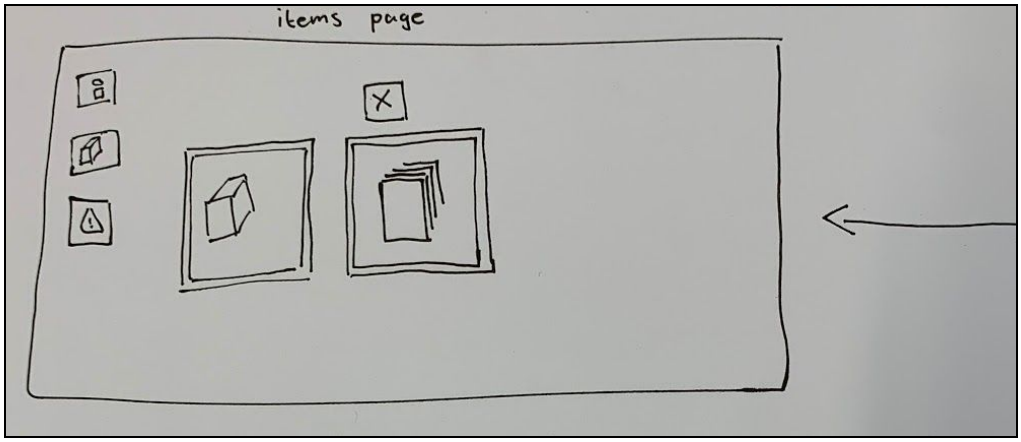
Options page

When in the options page we can see what instruction sets are available to use at this location and point at time.



Items page

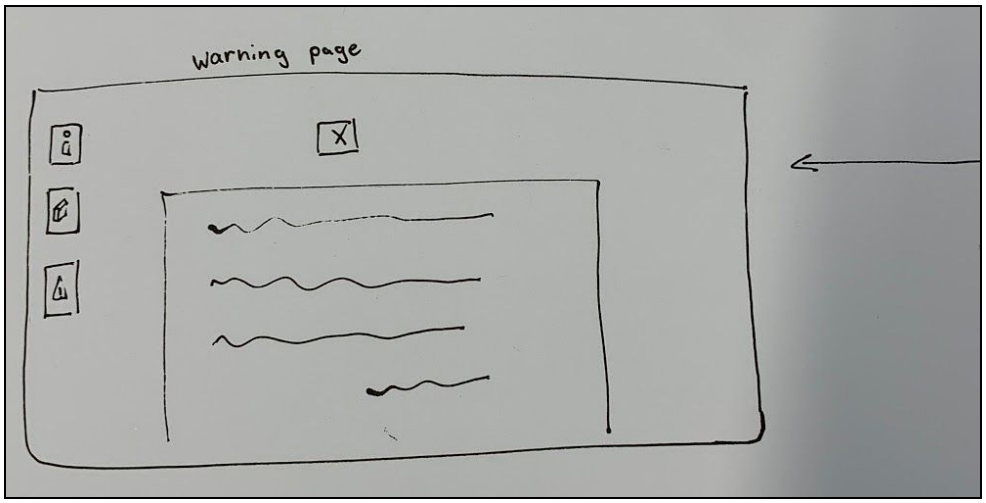
Shows what items are needed to complete the instruction set



Warning page

Shows what the dangers of the operation could lead to or for which steps to be careful with when

completing them.



Use-cases

SDK information

General information

Chosen SDK for this project: AR Core .

Link to research document :

https://docs.google.com/document/d/1o8Gv1lbqm-TNfSLIFc_E9CSflWNyAKbhKFDHx8c2l34/edit#