## Customer Requirements Speciﬁcation

**SAG MOBILE\_APP**

**ــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــ**

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# Document Status:

| **Name** | PO\_SAG\_CRS\_MOBILE\_APP | |
| --- | --- | --- |
| **Version** | V1.6 | |
| **Status** | Proposed | |
| **Author** | AG | |
| **Date** | [8-12-2022] | |
| **Team Approval** | HA | Approved |
| **Mentor Approval** | AMR |  |
| **Final Approval** | EA |  |

# 

# Document History:

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Author** | **Date** | **Change** |
| 1.0 | AG | [27-9-2022]‏ | * Initial Creation |
| 1.1 | AG | [17-10-2022] | * Edit definition * Edit features * Edit Key elements * Edit CRS Requirements |
| 1.2 | AG | [2-11-2022] | * Edit Key elements * Edit CRS Requirements |
| 1.3 | HA | [17-11-2022] | * Edit version 1.0 date * Edit reference document name * Edit context diagram * Edit CRS Requirements |
| 1.4 | HA | [26-11-2022] | * Edit Key Elements * Edit CRS Requirements |
| 1.5 | AG | [7-12-2022] | * Edit Key Elements * Edit context diagram * Edit CRS Requirements |
| 1.6 | AG | [8-12-2022] | * Edit context diagram * Edit CRS Requirements |

# Reference Document:

|  |  |  |  |
| --- | --- | --- | --- |
| **Ref.number** | **Doc.Name** | **Version** | **Status** |
| 1 | PO\_SAG\_CR\_APP | V1.3 | Released |

Project Description:

Definition:

The mobile app is used to make a complete connection between the glasses and personal mobile phone. It acts as the SW assistant on the phone.

Features:

* Mobile app to connect smart assistant glasses with personal mobile phone

Key Elements:

* user shall have an account to be able to connect to the glasses.
* The app shall be able to interact with the glasses through Bluetooth.
* The user shall be able to perform tasks on his phone such as setting an alarm, calling, reading SMS, and so on using voice commands sent from his smart glasses.
* The user shall configure which permission the glasses can access.
* The user shall be able to change his or her profile information (first name, last name, nickname, birthdate, gender).
* The user shall be able to provide feedback to the administrator.
* The user shall be able to report any technical issues related to the provided services.

## System Context:

## Diagram Description automatically generated

# CRS Requirements:

## General Requirements

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***001***-V1.1 | **Covers** | Covers \_ PO\_SAG\_CR\_APP\_***004***-V1.1 |
| **Description** | The app shall contain settings screen. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***002***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***004***-V1.1 |
| **Description** | The user shall be able to change his or her profile information | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***003***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***004***-V1.1 |
| **Description** | The user shall be able to change his or her first name or last name or nickname. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***004***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***004***-V1.1 |
| **Description** | The user shall be able to change his or her birthday. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***005***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***004***-V1.1 |
| **Description** | The user shall be able to change his or her gender. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***006***-V1.1 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***004***-V1.1 |
| **Description** | User views about us page through settings. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***007***-V1.1 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***004***-V1.1 |
| **Description** | User can see more information about product. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***008***-V1.1 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***004***-V1.1 |
| **Description** | User can change accessed apps. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***009***-V1.1 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***004***-V1.1 |
| **Description** | User can send feedback through settings. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***010***-V1.2 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***005***-V1.1 |
| **Description** | The app shall contain contact us screen. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***011***-V1.2 | **Covers** | Covers \_ PO\_SAG\_CR\_APP\_***005***-V1.1 |
| **Description** | User can contact us through contact screen | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***012***-V1.1 | **Covers** | Covers \_ PO\_SAG\_CR\_APP\_***005***-V1.1 |
| **Description** | User can contact us by sending email | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***013***-V1.1 | **Covers** | Covers \_ PO\_SAG\_CR\_APP\_***006***-V1.0 |
| **Description** | User report and issue screen to solve any problem. | | |

## Configuration

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***014***-V1.3 | **Covers** | Covers \_ PO\_SAG\_CR\_APP\_***001***-V1.2 |
| **Description** | User shall login in the app. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***015***-V1.3 | **Covers** | Covers \_ PO\_SAG\_CR\_APP\_***001***-V1.2 |
| **Description** | User shall login through pre-exiting account. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***016***-V1.2 | **Covers** | Covers\_PO\_SAG\_CR\_APP\_***002***-V1.3 |
| **Description** | The app shall scan all Bluetooth devices. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***017***-V1.2 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***002***-V1.2 |
| **Description** | The app shall pair specify Bluetooth ID. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***018***-V1.2 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall ask for permission to access personal apps. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***019***-V1.2 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall ask for permission to access contact information. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***020***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall support making calls via “call by number” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***021***-V1.2 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall ask for permission to access SMS. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***022***-V1.2 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall ask for permission to access Alarm. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***023***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall create alarms with the following parameters (number, time, date, repetition state) | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***024***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall cancel existing alarms by “cancel existing alarm/alarms” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***025***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall list reminders for specific day by “list reminders” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***026***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall create to do list with the following parameters (create, edit, list) using “to do list” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***027***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall access gmail app. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***028***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall open gmail by “open gmail” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***029***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall open mobile data by” open mobile data” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***030***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall open Wi-Fi by “open Wi-Fi” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***031***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall access google maps app. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***032***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall access current location by “get my location” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***033***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall get date and time by “get date and time” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***034***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall get weather data by “get weather” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***035***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall read notifications by “read notifications” command. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***036***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall access be my eyes app. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***037***-V1.0 | **Covers** | Covers \_PO\_SAG\_CR\_APP\_***003***-V1.0 |
| **Description** | The app shall open be my eyes app by “app be my eyes” command. | | |

## Usage

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***038***-V1.0 | **Covers** | Covers |
| **Description** | The app shall connect with the glasses. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***039***-V1.0 | **Covers** | Covers |
| **Description** | The app shall receive week up signal. | | |

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| **Req\_ID** | Req\_PO\_SAG\_CRS\_***040***-V1.0 | **Covers** | Covers |
| **Description** | The app shall send week signal confirmation. | | |