

Requirement ID	Requirement Name	Use Case ID	Test Case ID
FR1	Launch Application	UC-01	U12, U13, I5
FR2	Camera Initialization	UC-12	U1, U2, U3, U4, S7
FR3	Real Time Object Detection (Continuous Mode)	UC-02	U5, U6, S1, S8
FR4	Object Detection (On Demand Mode)	UC-03	U5, U6, S2, S8
FR5	Provide Audio Feedback	UC-13	U25, U26, U27, U36, I5, I9
FR6	Voice Command Interface	UC-14	U9, U10, U11, U20, U21, S9
FR7	Customizable Detection Settings	UC-04	U30, U31, U34, U35, I6, I7
FR8	Audio and Haptic Feedback Configuration	UC-08	U23, U33, I10, S3
FR9	Continuous versus On Demand Detection Modes	UC-09	U42, U43, U44, I9, I10
FR10	Detection History	UC-07	U16
FR11	Siri Integration and Shortcuts	UC-16	U22, U39, U40, I4, I8
FR12	User Help and Tutorial	UC-17	U24, U48, U49, U50, S4, S6
FR13	Battery Optimization Mode	UC-06	S12
FR14	Offline Operation	UC-18	S10
FR15	Hazard Alert Customization	UC-15	U23, S3
FR16	Scene Exploration Mode	UC-05	U7, U8, S8
FR17	Local Usage Analytics	UC-10	U17, U18
FR18	Haptic Feedback for Close Objects	UC-11	U23, S3
NFR1	Performance	UC-02	S12
NFR2	Reliability	UC-03	S11
NFR3	Availability	UC-01	S10

Requirement ID	Requirement Name	Use Case ID	Test Case ID
NFR4	Security	UC-04	U19
NFR5	Maintainability	UC-17	S13
NFR6	Portability	UC-19	U32, I1