SmileScan Project

1. Initiation	2. Requirements Gathering and Analysis	8. System Design and Configuration	4. Building Prototype and Manufacturing	5. Software Development		. Project Management and Documentation
1.1 Define project objectives and scope	2.1 Gather requirements from users and other stakeholders	3.1 Design system architecture	4.1 Develop a prototype of the SmileScan White device	5.1 Develop and test firmware for the microcontroller	6.1 Integrate the firmware and software into the SmileScan White device	7.1 Monitor project progress and make necessary adjustmen
1.2 Identify stakeholders and roles	2.2 Analyze requirements to identify and define system functionality and feasibility	3.2 Select and configure hardware and software components	4.2 Evaluate the prototype and make necessary modifications	5.2 Develop and test software for the smart features	6.2 Integrate the SmileScan White device with the teeth whitening kit	7.2 Manage risks an issues
1.3 Conduct project kick-off meeting	2.3 Prioritize requirements	3.3 Define user roles and access controls	4.3 Develop manufacturing process for the device	5.3 Develop user interface and code testing	6.3 Test the integrated system to ensure that it meets all requirements	7.3 Develop and maintain project documentation
1.4 Develop project plan and schedule	2.4 Document system requirements	3.4 Develop data model and database schema	4.4 Procure materials and components		6.4 Fix any defects that are found	7.4 Conduct projection closure activities
1.5 Establish communication and reporting plan		3.5 Design user interfaces	4.5 Manufacture the SmileScan White device			

1.6 Create preliminary budget

1.7 Identify and assess risks