

Pt. App Requirement Specification Doc



Date: 6-Nov-23

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Revision History:

Version #	Date	Author	Changes
1.0	4 November 2023	Prakash Ranjan	Initial Draft
1.1	6 November 2023	Prakash Ranjan	Final Draft

Introduction:

The introduction of the Software Requirements Specification (SRS) provides an overview of the entire SRS with purpose, scope, definitions, acronyms, abbreviations, references, and an overview of the SRS. The aim of this document is to gather and analyze and give an in-depth insight into the complete **32 Watts Clear Aligners** by defining the problem statement in detail. Nevertheless, it also concentrates on the capabilities required by stakeholders and their needs while defining high-level product features. The detailed requirements of the **32 Watts Clear Aligners** are provided in this document.

Purpose:

The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system, and its requirements with respect to consumers. Also, we shall predict and sort out how we hope this product will be used in order to gain a better understanding of the project, outline concepts that may be developed later, and document ideas that are being considered but may be discarded as the product develops.

In short, the purpose of this SRS document is to provide a detailed overview of our software product, its parameters, and its goals. This document describes the project's target audience and its user interface, hardware, and software requirements. It defines how our client, team, and audience see the product and its functionality. Nonetheless, it helps any designer and developer to assist in software delivery lifecycle (SDLC) processes.

Document Conventions:

For tracking the changes mark them in the document with colour (changes, additions) or cross them (deleting).

Intended Audience & Reading Suggestions:

The different types of stakeholders that the document is intended for, such as developers, project managers, team leaders, marketing staff, users, QA, and documentation writers. Describe what the rest of this SRS contains and how it is organized. Suggest a sequence for reading the document, beginning with the introductory sections, and proceeding through the sections that are most pertinent to each stakeholder type.

EXAMPLE:

ID	Stakeholder	Description
S-1	User	Basing on this document the Terms of Support and the Privacy Policy are created.
S-2	Development team	Forming an accurate vision of the project, and detailed functional and non-functional requirements.
S-3	QA team	Making test plans and test cases.
S-4	Team Lead	Delegating tasks and setting deadlines for an internal team.
S-5	PM/BA	Estimating the quote of the project, planning resources, and the timeline of work.

Product Scope:

Primarily, the scope pertains to the Aligner's patient record, doctor's record, and CRM record features for generating aligners request, scan scheduling, Teleconsultation, delivering the aligners & Provide service.

This SRS is also aimed at specifying the requirements of the software to be developed but it can also be applied to assist in the selection of in-house and commercial software products. The standard can be used to create software requirements specifications directly or can be used as a model for defining an organization.

References:

Web addresses to which this SRS refers. These may include user interface style guides, contracts, standards, system requirements specifications, use case documents, or a vision and scope document. I have provided enough information, so that the reader could access a copy of each reference, including title, author, version number, date, and source or location.

- <https://drive.google.com/file/d/1P6HP0lp89Camm4VhZiNiKEXtE5OEso-Z/view?usp=sharing>
- https://drive.google.com/file/d/1kWRhjZQvUW292MeJTluDe66r-XDF1K9u/view?usp=share_link
- https://drive.google.com/file/d/1HEqGvDqplMv1m40xKVc2UzAtkGqJdV60/view?usp=share_link
- https://drive.google.com/file/d/1LRby5s_InwUi1csQ84X0E1XqJkUZsJRa/view?usp=share_link
- https://drive.google.com/file/d/1wm2tQ5s_xwGjGIq7Nap_gbF-nHkcX3no/view?usp=share_link
- https://drive.google.com/file/d/1mvX6NKqHFHuKC5h9PldTsrFRxh1BE7qx/view?usp=share_link
- https://drive.google.com/file/d/1lIOFXasHBvZytbYj86QxeotR-iYHl2nG/view?usp=share_link
- https://drive.google.com/file/d/14DmLb0I8uZPwI5DrbN9_XUezhlhp31rF/view?usp=share_link
- https://drive.google.com/file/d/1rPEit_o7yTrLiu8PIontYlr4VPHq5JKB/view?usp=share_link

Current State of business:

Clear Aligner is the latest Orthodontic innovation and a superior option to Metallic Braces. 32 Watts clear aligners' mission is to provide uncompromised Clear aligner treatment at an affordable price through select Orthodontists, bring smile correction treatment within reach of the masses and be a market player recognized for partnering in smile treatment with unique & personalized service. 32 Watts Clear Aligners is an invisible, wireless, convenient, and custom-designed device to align teeth to perfection. It delivers your perfect smile with utmost comfort, using cutting-edge technologies including AI and 3D printing technology, thus becoming the perfect alternative to metal and ceramic braces for your maligned teeth.

Challenges:

- Follows a very complex process to track the Patient's treatment.
- Unable to track requests received and request delivery Time.
- Unable to book an appointment.
- Unable to track pt. journey of patients.
- Unable to track the log history of patients, doctors, Support & CRM.
- Unable to track next batch reminder details.
- Unable to track delivery details.
- Unable to know the plan data.

Focus on:

- Simplify the complex process of the patient treatment journey.
- Should be able to generate requests, request received and delivery time.
- Should be able to track the log history.
- Should be able to send the next batch of reminder data to patients & doctors.
- Should be able to track the delivery details.
- Avoid duplicate data in the system and keep the data consistency.
- Should be able to know the planning data, and dispatch data.
- Try to reduce manual efforts.
- Increase user productivity by giving the platform.

- Keeping the entire conversation history between patients, doctors the internal team.

Future state of business:

Patients, Doctors, CRM, and Support users will be using **the application** in their day-to-day activities:

- Patient will be able to book an appointment or schedule a scan.
- Patient will be able to see a complete smile journey.
- Doctor will be able to see pt. cases as well as he will be able to see a request.
- Support team will be able to help a patient.
- Smooth communication between teams.

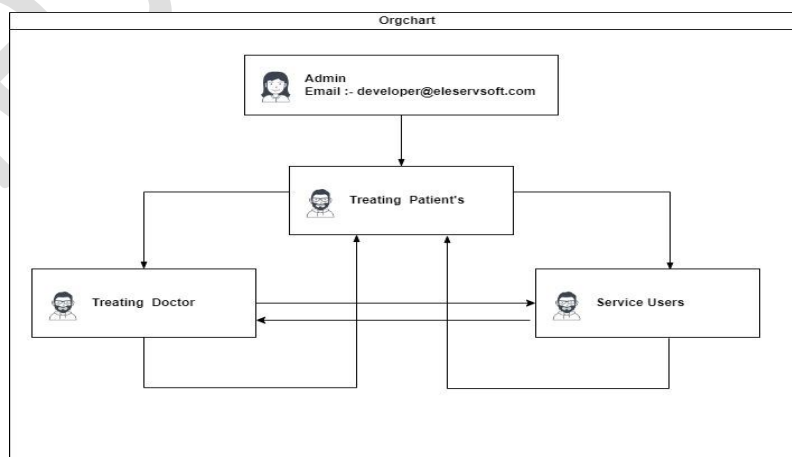
Definition, Acronyms & Abbreviations:

Acronyms	Description
PA	Patient Application
UAT	User Acceptance Testing
SRS	Software Requirement Specification
UC	Use Case
SD	Scanning Doctor
TP	Treating Patient's
TD	Treating doctor's
Service	Support
Admin	Admin

Functional Requirements:

The functional requirement is captured in the use cases listed in this document.

Organizational structure:



System Use Case:

Use Case	Use Case Name
UC-001	Login Management
UC-002	Profile Management
UC-003	Dashboard Management
UC-004	Help Center Management
UC-005	Booking Management
UC-006	My Case Management
UC-007	Product Management

UC-001 – Login Management:

Use Case ID	UC-001
Use Case Name	Login Management
Actors	TP
Description	Actor should be able to login through mobile number if user is existing in our records, then actor should be able to see case id, pt. name, Dr name & CRM name in Dashboard.
Assumption	N/A
Pre-Condition	N/A
Post-Condition	Dashboard should be visible where user can see 32 watts marketing videos.
Normal Flow	> User will download application from android & IOS store. > After downloading user will be able to login through mobile number & e-mail id. > after entering mobile number and mail id OTP will be generated. > enter OTP and then click login.
Notifications	If Mobile number is new send notification to admin users.
Validations	If Mobile number is new . As soon as user logged in into the system user will be redirected to profile management page. It should be mandatory.

UC-002 - Profile Management:

Use Case ID	UC-002
Use Case Name	Profile Management
Actors	TP
Description	N/A
Assumption	User is entered into the systems.
Pre-Condition	N/A

Post-Condition	Profile should be visible
Normal Flow	<p>User will click on profile icon as soon as profile will open where user can see following options:</p> <ul style="list-style-type: none"> Update your profile (clickable) <ul style="list-style-type: none"> Name (Text filled) * Mobile number (Text filled) * E-mail (editable)* Date of Birth (Text filled) * Gender (dropdown e.g., Male. Female) * Address (popup) * <ul style="list-style-type: none"> Flat/House no./Company (Editable) Area, street, sector, village (Editable) Landmark (Editable) Pin code (Editable) State (Dropdown) <input type="checkbox"/> Is this your delivery address. Save/Submit (Button) My orders <ul style="list-style-type: none"> Order 1 starter kit delivered then (Initiation date to delivered date should be visible) Order 2 Plan (initiation to shared) Order 3 Batches (Initiation to Delivered) Refer & Earn (Clickable) <ul style="list-style-type: none"> You will receive 4000*/- rewards for each referral. Your friends get 2000*/- off on smile treatment. Referral Code <input type="text" value="Firstname2023"/> (Copy & app link should be there) WhatsApp, messenger & share link options should be there. T&C apply. Track your referral. <ul style="list-style-type: none"> My earnings (by default zero) Total Paid amount (by default zero) ★ Rate Us (Redirect to play store) Support (Support page should open)
Notifications	If the user changes any details, then automatically change will reflect on our DB.
Validations	N/A

UC-003 – Dashboard Management:

Use Case ID	UC-003
Use Case Name	Dashboard Management
Actors	TP

Description	User should be able to see 32watts promotional videos and offers.
Assumption	User should have valid user id and password.
Pre-Condition	N/A
Post-Condition	N/A
Normal Flow	User will be able to see latest videos and photographs on the dashboard
Notifications	N/A
Validations	N/A
Note	One screen should be made in admin portal of Digi Plan where user can upload, then uploaded video should be visible in Pt. Profile dashboard.

UC-004 – Help Centre Management:

Use Case ID	UC-004
Use Case Name	Help Centre Management
Actors	System Administrator
Description	User will be able to reach with 32 watts team.
Assumption	Treating Patient's entered into the system.
Pre-Condition	N/A
Post-Condition	User will be able to raise a query.
Normal Flow	<p>User will click on Help Centre as soon as Support page will open where user can see following options.</p> <ul style="list-style-type: none"> • Chat with Us (Clickable) <ul style="list-style-type: none"> • Subject (dropdown) e.g., Pricing, starter kit, etc. • Description (min 50 words to max 120 words) • Submit (Button) (as soon as user submit the request user will be redirected to view queries page. • View queries (Clickable) <ul style="list-style-type: none"> • View raised queries >(Clickable) <ul style="list-style-type: none"> ▪ Ticket id, Subject & Status • Need Urgent Help? <ul style="list-style-type: none"> ▪ Contact us (9692800032) • How To Use (Button) (Once user click following video should be visible) <ul style="list-style-type: none"> • How to monitor your progress? 32Watts • How to upload the monitoring photos 32Watts • Important instructions that you need to follow 32Watts • How to use 32Watts app 32Watts • How to clean your aligners 32Watts • How to use Chewie 32Watts

	<ul style="list-style-type: none"> • FAQs (Same as Dr) • WhatsApp (Same as Dr) • Email-us <ul style="list-style-type: none"> • customerSupport@32watts.com • Call us (9692800032)
Notifications	<p>Chat should be assigned to Support users & notification will be sent to Support users.</p> <p>Below message should be sent to patients</p> <p>Your ticket: XXXXXXXXXX has been created for your query & our team will contact you in the next 4 – 24 business hours.</p> <p>Every service rating link should trigger.</p> <p>Warm Regards, Team 32 watts</p>
Validations	N/A

UC-005 – Booking Management:

Use Case ID	UC-005
Use Case Name	Booking Management
Actors	TP
Description	N/A
Assumption	Treating Patient's entered the system.
Pre-Condition	N/A
Post-Condition	User will be able to Book an appointment
Normal Flow	<p>User will click on Book an appointment icon as soon as appointment page will open where user can see following options.</p> <ul style="list-style-type: none"> • Dr app Book a scan module will be utilized.
Notifications	<ul style="list-style-type: none"> • Once TP Schedule a scan > notification sent to Support users • Once TP Schedule clinical consultation> notification is sent to Support users as well as the treating doctor • Every service rating link should trigger.
Validations	<p>When TP schedules an appointment then notification will be sent to support user and support user will be assigned Dr and clinic to patient. As soon as assigned notification will be sent to pt. and Dr.</p>
Alternate Flow	N/A

UC-006 – My Case Management:

Use Case ID	UC-006
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Use Case Name	My Case Management
Actors	TP
Description	Actor should be able to See his pre-treatment photos, post treatments photos, and able to upload photos.
Assumption	N/A
Pre-Condition	N/A
Post-Condition	Photos should be uploaded, and Dr and support team can see and approve the photographs.
Normal Flow	User will click on My case as soon as My case page will open, and user will be able to see various details (Same as Dr but pt. can't take any actions):
Notifications	<ul style="list-style-type: none"> ○ The first Notification will be sent after the starter kit is delivered to upload photos. ○ Rest notifications will be sent every 14 days. Pt. can skip notification 2 times after that photo upload should be mandatory. ○ After every upload, a notification will be sent to Dr. as well as Support users. ○ Every service rating link should trigger.
Validations	Upload Photos is mandatory every 30 days. Support and Dr will be able to photographs and they can approve the photographs. Once they approved then it should be visible to workflow. Patient can also see the status of support user and Dr users.

UC-007 – Product Management:

Use Case ID	UC-007
Use Case Name	View Product Management
Actors	System Administrator
Description	Actor should be able to place an order.
Assumption	N/A
Pre-Condition	N/A
Post-Condition	User will be able to place an order on ecommerce site.
Normal Flow	<p>User will click on Product as soon as the product page will open, and user will be able to see the product list which is added by the admin user.</p> <ul style="list-style-type: none"> ● https://amzn.eu/d/0q5ZZ3t ● https://amzn.eu/d/1rU8ml1 ● https://amzn.eu/d/a2lPHdw
Notifications	N/A
Validations	N/A