**HealthSolutions Software requirements specification (SRS) document**

* **Introduction:**

HealthSolutions, an app, to support the humanity in such critical scenarios, has been launched voluntarily by Engitech. Our team will be delivering Healthcare and blood products and such other required items to your doorstep.  
  
HealthSolutions is a platform to merge the efforts of famous NGOs, blood banks, pharmaceutical resources, and generous blood donors in order to assist people in need of blood, medicines or ambulance.

* **Ambulance with Tracking:**

HealthSolutions app provides a way to use the limited resources SMARTLY and overcome the patient transportation issues and save lives at maximum level.  
HealthSolutions App works like Uber and Careem and provides tracking with the help of which:  
1. Multiple resources are not assigned at single LOCATION  
2. The attendant can easily track and view the Ambulance position  
3. Nearest resource is assigned to save the life and time with an empowered command and control Centre monitoring multi-level Ambulances like transport, lifesaving and Advance care with Vent/minor OT working on ground through tracking and connectivity directly with the help of Artificial Intelligence who defined who required which type of ambulance care. It also avoids of misusing the facility like one need the ambulance he called almost all ambulances companies and many will be on road just to pick one but using HealthSolutions App when it connected with one rest will automatically available for other requirements.

* **Blood:**

Currently getting blood is difficult in lot of cases due to situations like non-availability of Donor(s), non-availability of Blood products in specific Blood Bank. Health solution offers Blood without Donor via rider to the location where you need.

There are two facilities available in Blood module:

* Request blood
* Donate blood

**Request Blood:**

The user can request blood by entering all the requirements in the “Blood Request” form. The blood request form will have the following fields:

* Blood group
* Date (Require before)

By clicking next button an e-commerce screen will appear where users can buy blood. This section has the following fields:

* The blood product list
* Add to cart screen (The products that are added to cart will be displayed on this screen)
* Place order screen. Having the following fields:
* Address (Mandatory)
* Shipping Charges (Rs.550 PKR)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
* Bank transfer (This method contains an option to upload the bank receipt image and shows the IBAN: “PK63ABPA0010031198440020”. The user will submit the request after uploading the bank receipt image).
* Easy Paisa (This method contains an option to upload the image and shows your total bill and an easy paisa mobile number''03332626056''. The user will submit the request after uploading the bank receipt image).
* Jazz Cash (This method contains an option to upload the image and shows your total bill and Jazz cash mobile number ''03212447484''. The user will submit the request after uploading the bank receipt image).
* Wallet (By selecting this option, user can pay bill from his/her wallet). The user can select any payment method. After payment, the order email will be sent to the support team.

**Donate Blood:**

HealthSolutions also provides a platform for the blood donors to donate blood. The donors who want to donate blood can do blood donate request. The “Donate blood” request form has the following fields:

* Blood group
* Date of birth
* Weight
* Gender
* Schedule appointment
* Last donation date

After submitting request, a conformation message will be displayed and an email will be sent to the support team.

* **Chemist:**

Getting specific medicines at different locations of the city is almost impossible which is overcome by HealthSolutions having a network of pharmacies and the medicines are delivered at the doorstep of the user within the same day.

There are multiple options available for the users to do an order in Chemist section:

* Write Your Order
* Order by prescription
* Shop Online
* Write your order:

This section contains a form having the following fields:

* Name
* Email
* Phone
* Message (The user can write his order requirements in this section)

On submitting the request, a confirmation message will be displayed and an email will be sent to the support team.

* Order by prescription:

There is an option to upload the prescription image in this section. At first, the user uploads the prescription image, after uploading the image, a form will be opened having the following fields:

* Image
* Additional requirements

After placing order, a confirmation message will be displayed and an email will be sent to the support team.

The delivery fee for the Order is Rs. 200 PKR

* Shop Online:

It’s an e-commerce section where users can buy chemist products. This section has the following fields:

* The product list
* Product details
* Add to cart screen (The products that are added to cart will be displayed on this screen)
* Place order screen. Having the following fields:
* Address (Mandatory)
* Shipping Charges (Rs. 200 PKR)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
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* **Diagnostic Lab:**

Visiting to a Diagnostic centre is not easy in the current traffic situation of the city. HealthSolutions solved this problem by adding solution to send Phlebotomist to the doorstep of the user. Reports are also delivered to the doorstep as well as available in the app to view.

This section has the following options:

* Order by search
* Order by prescription
* Imaging
* COVID
* Reports
* Order by search:

This section has the following fields:

* Prescription image
* Select time

On submitting the request the user will be proceed to an e-commerce section where users can buy Diagnostics. This section has the following fields:

* The product list
* Product details
* Add to cart screen (The tests that are added to cart will be displayed on this screen)
* Place order screen. Having the following fields:
* Address (Mandatory)
* Shipping Charges (Rs. 200 PKR)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
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After payment, emails will be sent to support team and user having the order details.

* Order by prescription:

This section has the following fields:

* Prescription image
* Write additional requirements

On submitting the request, a confirmation message will be displayed and an email will be sent to the support team and the user.

* Imaging

This section has the following fields:

* X-Ray
* Ultrasound
* X-ray

It’s an e-commerce section where users can select X-ray type. This section has the following fields:

* Add to cart screen
* Place order screen. Having the following fields:
* Address (Mandatory)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
* Bank transfer (This method contains an option to upload the bank receipt image and shows the IBAN: “PK63ABPA0010031198440020”. The user will submit the request after uploading the bank receipt image).
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* Ultrasound

It’s an e-commerce section where users can select ultrasound type. This section has the following fields:

* Add to cart screen
* Place order screen. Having the following fields:
* Address (Mandatory)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
* Bank transfer (This method contains an option to upload the bank receipt image and shows the IBAN: “PK63ABPA0010031198440020”. The user will submit the request after uploading the bank receipt image).
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* COVID

It’s an e-commerce section where users can select COVID treatment methods. This section has the following fields:

* Add to cart screen
* Place order screen. Having the following fields:
* Address (Mandatory)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen (Cash, Credit card, Bank transfer, Easy Paisa, Jazz Cash, Wallet)

The user can select any payment method. After payment, the order email will be sent to the support team.

* View reports:

In this section, all the reports will be displayed that are sent to the user by the support team.

* **Equipment:**

There are three options in this section:

* Write your order
* Equipment to buy
* Equipment on rent
* Write your order:

This section contains a form having the following fields:

* Name
* E-mail
* Phone
* Message

After filling the form and submitting the request, a confirmation message will be displayed and an email will be sent to the support team and user.

* Equipment to buy:

It’s an e-commerce section where users can buy Equipment. This section has the following fields:

* The equipment list
* Product details
* Add to cart screen (The products that are added to cart will be displayed on this screen)
* Place order screen. Having the following fields:
* Address (Mandatory)
* Shipping Charges (Rs. 200 PKR)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
* Bank transfer (This method contains an option to upload the bank receipt image and shows the IBAN: “PK63ABPA0010031198440020”. The user will submit the request after uploading the bank receipt image).
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* Equipment on rent:

It’s an e-commerce section where users can take equipment on rent. This section has the following fields:

* The equipment list
* Equipment details
* Add to cart screen (The equipment that are added to cart will be displayed on this screen)
* Place order screen. Having the following fields:
* Address (Mandatory)
* Shipping Charges (Rs. 200 PKR)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
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* **Fitness:**

Health Solutions App helps you to find medical fitness & rehabilitation near your current GPS location.

There are two options in this section:

* Search Online
* Write your order
* Search Online

It’s an e-commerce section where users can buy fitness challenge. This section has the following fields:

* The fitness Challanges
* Add to cart screen (The products that are added to cart will be displayed on this screen)
* Place order screen. Having the following fields:
* Address (Mandatory)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
* Bank transfer (This method contains an option to upload the bank receipt image and shows the IBAN: “PK63ABPA0010031198440020”. The user will submit the request after uploading the bank receipt image).
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The user can select any payment method. After payment, the order email will be sent to the support team.

* Write your order:

This section contains a form having the following fields:

* Name
* E-mail
* Phone
* Message

After filling the form and submitting the request, a confirmation message will be displayed and an email will be sent to the support team and user.

* **General physician**

Online Consultancy lets you seek medical advice and guidance from best doctors of different specialties at your own home. You can also get first aid through a doctor 24/7. It is the most convenient way to consult a doctor if you have a busy schedule and cannot visit doctor or live in a remote area.

This segment has the following features and functionalities:

* Book by Doctor
* Book by speciality
* Call a doctor

Book by doctors:

In this section, all the available doctors will be displayed. The user can book the doctor of his choice.

* The following details of the doctor will be displayed in the home screen and doctor list corresponding to each doctor.
* Doctor’s name
* Specialty
* Degree
* Consultancy charges
* Consultancy timings
* Doctor’s rating

On clicking on the book button, a booking screen will be opened. The form will have the following fields:

* Write details regarding your symptom or any previous reports or medicines.
* Full name
* Gender
* Age
* Previous doctor (Optional)
* Previous reports/Medicans (Optional)

This field has the option to upload two images. The user can upload the images of his previous reports if he wants.

* Description (The user needs to enter the description of the illness)

After filling this form and clicking on the “Next button”, the user will be moved to the next screen having the following details and options.

* Doctor’s info (Doctor name, specialty, Degree, Experience, Rating, Doctor’s availability days)
* Calendar:
* The days in which doctor is available will be displayed as enabled (Highlighted)
* The days in which doctor isn’t available will be displayed as disabled (Non-highlighted)
* The days in which the doctor is available but not available in some dates of it (Off dates) will also be displayed as disabled (Non-highlighted)
* The user can only book appointment for the next four months from the current month.
* If user tries to book an appointment for the disabled dates than a message should be displayed as, “The doctor is available on “Names of the days in which doctor is available”.
* If user selects any date from the calendar in which the doctor is available than a list of doctor’s available time slots will be opened. Each time slot will be of 15 minutes.
* The user can select any of the available time slots
* If the selected time slot has already passed than a message should be displayed as, “The selected time slot has passed, please select another one from the available slots”.
* The time slots that have already been booked will be displayed as disabled and if user selects that time slot than a message should be displayed as, “This time slot has already been booked”
* On selecting any date from the doctor’s available days, selecting a time slot that is not already registered and has not passed and clicking on the “Book an appointment” button, the user will be moved to the next page i.e Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
* Bank transfer (This method contains an option to upload the bank receipt image and shows the IBAN: “PK63ABPA0010031198440020”. The user will submit the request after uploading the bank receipt image).
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* Wallet (By selecting this option, user can pay bill from his/her wallet.)

After payment, emails will be sent to support team and user having the appointment details.

In this section there is also a filter option to sort the doctors of your choice having the following filter options:

* Date (On selecting this option, a calendar will be opened and the users can select any date of their choice to filter)
* Popularity (Doctor’s rating)
* Senior (Experience)
* Distance (From the user’s current location)
* Price (“Free” or “Paid”)

On selecting the desired filter options and clicking on the “Apply” button, the sorted list of doctors will be displayed.

* Book by speciality:

In this section, user can search the doctor with respect to their specialty. When user select the respective speciality all the doctors with selected speciality will be displayed having the following details for each doctor:

* Doctor’s name
* Degree
* Doctor’s rating
* Timings

The user can book any doctor by clicking on the “Book” button.

* **Call a Doctor**

By clicking this section, user will redirect to the phone call screen having number "03332626056".

* **Home care & Nursing:**

This segment has the following options. The users can request from the following two options:

* Search online
* write order
* Search online

It's an e-commerce section where users can order nurse or attendant of their choice. This section has the following fields:

* Product list
* Add to cart screen (The products that are added to cart will be displayed on this screen)
* Place order screen. Having the following field:
* Address (Mandatory)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
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After payment, emails will be sent to support team and user having the order details.

* **Write an order:**

This section contains a form having the following fields:

* Name
* E-mail
* Phone
* Message

After filling the form and submitting the request, a confirmation message will be displayed and an email will be sent to the support team and user.

**INSURANCE:**

HealthSolutions collaborates with TPL Insurance to offer OPD and Health Insurance. It’s an e-commerce section where users can buy any insurance according to their choice. This section has the following fields:

* Insurance list
* Insurance details
* Add to cart screen (The products that are added to cart will be displayed on this screen)
* Place order screen. Having the following fields:
* Address (Mandatory)
* Check out screen (Displaying the list of ordered products and total bill)
* Payment method screen having the following payment methods:
* Credit card (If user selects this option, a credit card payment gateway will be opened and an email will be sent to the support team and user having all the appointment details)
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