# Functional Specification Document

# Yours Doctor Project 0.1

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1. Introduction

YDP mobile app is mainly used for patients who contain YDP account.YDP app can be used for calling YDP help line easily by one tap on the mobile,and also easily send emails, and also get detail more information regarding YDP.

Special functionality of YDP app is, it allows login tothe YDP using QR code on the YDP card.

App easily accesses the QRcode and encrypts it and takes username and password on theYDP card. Without login to the YDP user has access “Call YDP”, ”Email YDP” and ”More About YDP” .

1. References

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1. Definitions and Abbreviations

|  |  |  |
| --- | --- | --- |
| **Term** | **Abbreviation** | **Definition** |
| YDP | Yours Doctor Project |  |
| NA | Not Applicable |  |

1. System Functionality
   1. YDP Login<Approved>
      1. YDP Login Description:

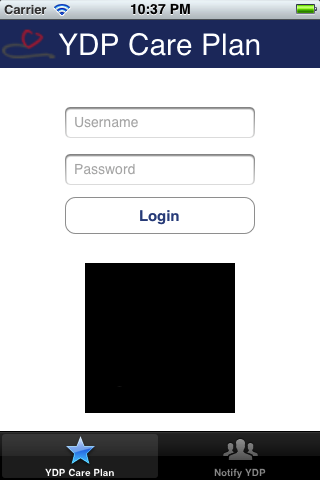
YDP mobile application is used by only YDP accountholders because YDP app requires username and password of YDP. So only YDP accountholder can access this app.

There are two ways to login into app those are, one way by using username and password of YDPaccount. Whenever login button is initiated after entering username and password then application gives access to use YDP app benefits. There is logout button on user interface screen\_2, which is used to come back to login screen. And other way to login to application is by using QR scanning process.

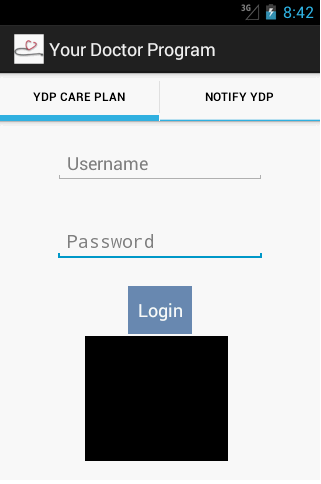
**Functionality:**

* Login into YDP, is home screen in YDP application.
* It interacts with all other user interfaces in the application.
  + 1. User Interface

#### IPhone User Interface



#### Android User Interface



* + 1. Impact Analysis

NA

* + 1. Additional Points on Testing

NA

* + 1. Constraints

NA

* 1. Login YDP using QR-Code<Approved>
     1. Login into YDP using QR-Code Description:

QR-Code is a special feature, that is used to scan bar code image processing and it encrypts the bar code image and shows product information.

In YDP, QR-Code is used to scan the YDP bar code image .when barcode image is scanned through app it automatically produces the user data such as username and password, no need to produce those fields again in the user interface. Application allows either the way of login, it is based on user convince. If there YDP card is available with them they can use QR-Code option or they can use normal procedure to login.

**Functionality:**

* It relates to the user interface\_2.
* Application is integrated with the QR code for bar code image processing.
  + 1. User Interface:

[Refer 4.1.2.1 for IPhone user Interface](#_IPhone_User_Interface)

[Refer 4.1.2.2 for Android userInterface](#_Android_User_Interface)

* + 1. Impact Analysis

NA

* + 1. Additional Points on Testing

NA

* + 1. Constraints

NA

* 1. Call to YDP <Approved>
     1. Call to YDP Description:

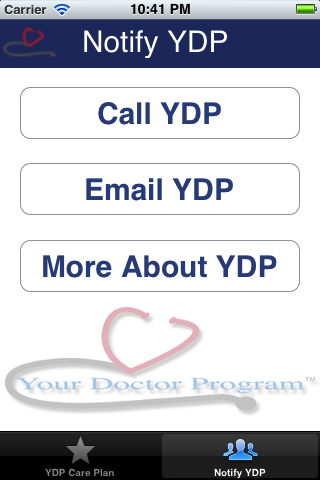
Call to YDP option is enabled after login into application .This option allows the user to call YDP service providers .Here default YDP service provider no is stored and when ever user clicks on call YDP it automatically connects to service providers.

By using call YDP, it provides require information regarding YDP services. This option is very use full because when user wants to know certain information, they no need to search here and there, they simply use this option and get desire information.

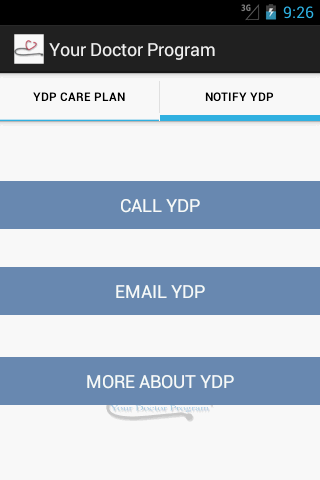
**Functionality:**

* It relates to the user interface\_1.
* It takes admin parameters like username and password, if the both the fields match then Call YDP option will enable to make a call.
  + 1. User Interface

#### IPhone userinterface



#### Android user interface



* + 1. Impact Analysis

NA

* + 1. Additional Points on Testing

NA

* + 1. Constraints

NA

* 1. Email YDP <Approved>
     1. Email YDP Description:

Email YDP is special feature which is enabled after login into the application .Email YDP option allows to send email to the YDP admin or service provider’s .Email address is produced by default .Only subject and body has to fill basing on requirement.

Email YDP option enables to users of YDP card holders to clarify their droughts and also they can send whatever the information or message they want to send to they can easily sent by one click on the Email YDP option.

**Functionality:**

* Email YDP, is relates with the home screen (UI\_1).
* It integrates with email interface to send email.
  + 1. User Interface

[Refer 4.3.2.1 for IPhone user interface](#_IPhone_userinterface)

[Refer 4.3.2.2 for Android user interface](#_Android_user_interface_1)

* + 1. Impact Analysis

NA

* + 1. Additional Points on Testing

NA

* + 1. Constraints

NA

* 1. More about YDP <Approved>
     1. More about YDP Description:

More about YDP option enables after user login into app. This option allows to know more information regarding YDP, information such as services etc are show through the YDP website.

**Functionality:**

* More about YDP, is relates with the home screen (UI\_1).
* It integrates with YDP website.
  + 1. User Interface

[Refer 4.3.2.1 for Iphone user interface](#_IPhone_userinterface)

[Refer 4.3.2.2 for android user interface](#_Android_user_interface_1)

* + 1. Impact Analysis

NA

* + 1. Additional points on Testing

NA

* + 1. Constraints

NA

1. Report Layouts

NA

1. Functional Decomposition Diagram

NA