FUNCTIONAL SPECIFICATION

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| TITLE | iPhone & iPad Poker Application |
| VERSION | 1.1 |
| AUTHOR | Rafael Diel |
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Change Log

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| --- | --- | --- | --- |
| Version | Date | Changed By | Changes Description |
| 0.1 | 02.12.2011 | Rafael Diel | Initial version |
| 0.2 | 03.12.2011 | Rafael Diel | Requirements concluded. Version ready to Leo Bello’s review. |
| 1.0 | 13.02.2012 | Rafael Diel | Final version |
| 1.1 | 02.06.2012 | Rafael Diel | Included new tabs.  Removed requirements related to Odds Calculator:  REQ-003  REQ-004  REQ-005 |
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# Introduction

## Document Objective

This document contains the functional specification for the requirements specified in the section 2.0 in order to allow the development of and iPad & iPhone Poker Application.

These requirements are macro requirements, and don’t specify technical details of the application.

The vendor must provide, in the end of the service, a Technical Specification document, with all the code details, and the technical details for each integration between the application and the legacy database.

# Requirements

## Assumptions

|  |  |
| --- | --- |
| Assumption | Description |
| ASP-001 | The application must be created in order to use the screen size of the different equipments (iPhone, iPad, Android Handsets). |
| ASP-002 | The source code and Technical Specification document can be delivered in English, however, the application should be displayed in Portuguese for the end user. The translation of all labels and captions should be provided by the client, and implemented by the vendor. |
| ASP-003 | The client will provide to the vendor all the database schema, with all table and field details, including data types, length, etc. |
| ASP-004 | The website with admin section to include News, Hints, Question, is not in the scope of this project, and will be created by the client (or another vendor). |
| ASP-005 | The application will be delivered in 3 different versions: iPhone / iPad / Android |

## Functional Requirements

|  |  |
| --- | --- |
| Requirement | Description |
| REQ-001 | It should be displayed a splash screen as soon the application starts, with a logo. The client should provide this logo, and the vendor should specify the details (like extension, dimensions, etc). |
| REQ-002 | The application should have 5 (five) buttons in the bottom bar, as below:   * Notícias (News) * Dica (Hints) * Pergunte ao Pro (Ask to the Pro) * Afiliação (Affiliate program) * Config |
| ~~REQ-003~~ | ~~The application will display an Odd Calculator after touching the button in the bottom bar. This page will display a Poker Odd Calculator, similar to the one existing in the link below:~~  [~~http://www.dicasdepoker.com/calculadora.html~~](http://www.dicasdepoker.com/calculadora.html) |
| ~~REQ-004~~ | ~~In the Odd Calculator page, it should allow the user to select the number of players, limited to 5 players.~~ |
| ~~REQ-005~~ | ~~In the Odd Calculator page, no integration with the server will be required. All the calculation will be done in the application, even if network (wireless or 3G) is not available.~~ |
| REQ-006 | In the News page, the system should display links for Poker News. When clicking in a link, the application will redirect the user to the original webpage (in Safari) where the news was published. |
| REQ-007 | In the News page, all the links for the news will be retrieved from a MySQL database, which will be deployed in a server in the internet. The client will provide the configuration for this database to the vendor. The WebService (JSON) will be created by the client and all the details will be provided to the vendor. |
| REQ-009 | In the “Pergunte ao PRO” page, the system should display a text box, in order to the user send a question to the professional. Also, it should exist a dropdown with the name of available professional to send the question. |
| REQ-010 | The dropdown to display the professional available to answer questions will be populated with a query in the database (webservice). The WebService (JSON) will be created by the client and all the details will be provided to the vendor. |
| REQ-011 | Under the text box with the question, it should be displayed the “Pergunta do Dia” (Best Question of the Day). This information will also be retrieved from the database, using a webservice. The WebService (JSON) will be created by the client and all the details will be provided to the vendor. |
| REQ-012 | Under the “Pergunta do Dia” (Best Question of the Day) it should be displayed additional option “Saiba Mais” (More Info). This will be a paid service, where the user can retrieve additional comments about the Question of the Day (or different information). |
| REQ-013 | The “Saiba Mais” section, in the “Pergunte ao PRO” tab, can be bought by two different ways: payment per article or monthly payment. The payment of the article or monthly subscription will be done using AppStore. |
| REQ-014 | All the interactions with an specific user (new user, update user, payment submitted, payment approved, etc) will be sent to the database using WebServices (JSON). The vendor should provide the client with the needs, and the client will provide the vendor with the JSON Webservice details. |
| REQ-015 | In the Hints page, the system will display one hint per day. |
| REQ-016 | In the Hints page, all the text displayed will be retrieved by WebServices (JSON) from a MySQL database. The WebService (JSON) will be created by the client and all the details will be provided to the vendor. |
| REQ-017 | Under the Hint of the day, it should display additional link as “Saiba Mais” (more info) section. This link will display additional information about the hint. The “Saiba Mais” will be a paid information. |
| REQ-018 | The “Saiba Mais” section, in the “Dicas” (Hints) tab, can be bought by two different ways: payment per article or monthly payment. The payment of the article or monthly subscription will be done using AppStore. |
| REQ-019 | In the “Afiliados” (Affiliate program) page, the system should display links to different poker sites. Clicking on these links, the user will be redirected to the destination link (which can be a website, or an application in AppStore). |
| REQ-020 | The application should also have a “Configuration” page, where the user can register, update info, check subscription info. |

# Business Process

## Business Process Description

No Business Process Description is required on this document.

### New User

The process to register a new user is very simple. The user will acess the “Configuration” page, and enter the required info. When clicking on submit button, the application will invoke a JSON WebService, in order to register the user, and validate the basic info (username, password, etc). The application will display the response from the server: success or error.

### Update User Information

The process to update user information will be done in the “Configuration” page. The information which can be updated will be displayed in text boxes, and the information which cannot be updated will be displayed as normal text. When clicking in the submit button, the application will invoke a JSON WebService, in order to update the user information. The application will display the response from the server: success or error.

### Check User Subscriptions

The process to check the user subscriptions will be done in the “Configuration” page. Every time the user access this sub-page, the application will send a request to the server, using JSON WebServices which will return the subscription status for Hints Monthly Subscription and News Monthly Subscription. The application will display both status, and also will allow to purchase the monthly subscriptions in this page.

### Send Question to PRO

The process to send a question to the PRO will be done in the “Pergunte ao PRO” tab. The user will write the question in the text box, and select the professional in the dropdown list. After that, clicking on the submit button will invoke a JSON Webservice, which will send the question to the server. The Webservice will return error or success, and messages to the user will be displayed depending on this response.

The Questions will be answered to the user, by mail.

## Business Process Flows

No Business Process Flows are required on this document.