72 Angles

Requirements and Estimates

This document covers the requirements and estimates for the Android mobile application “72 Angels”.

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## Objective

The mobile application “72 Angels” will assist users in holistic healing through the 72 Angels. The application will provide functionality to query through the angels based off of different tokens, including but not limited to: qualities, calendar info, human distortions, and daily situations. A widget can also be placed on the home screen, displaying the current angel based on date and time, which, if clicked, will open up the app and display the current angel.

## Client Requirements

|  |  |
| --- | --- |
| Client Specifications | Comments |
| Angels Full Profile/Bio | Individual profile page.  Includes:   * Qualities * Distortions * Situations and Common Problems * Calendars and Residence * Audio file for pronunciation |
| Angels Profile List | List 72 angels in numerical order.  List is scrollable, and clicking on a name opens the full profile page of the angel. |
| Calculation Engine and Calendar | ? |
| Find your Angel | Found via input of day, month, year, hour, and minute of user’s birth.  Three angels will come up: Physical, Emotional, Intellectual |
| Language Selection | English, French, German |
| Menu Page | Access to all functions and settings |
| News Page | RSS style feed of information  Data fetched online |
| Reining Angel of the Moment | Notification of the Angel of the Moment  Clicking on notification will open angel’s page bio. |
| Settings Page | Settings include:   * Turn notifications on/off |
| Shake for Random Angel | Random selection of Angel from shaking device. |
| Share your Angel | Share the angel on Twitter and Facebook |
| Working with Angels | Explanation on how to work |

## Analysis

A setting to change the chosen language should be added to the “Settings” page. Although shaking the device to bring up a random angel is great, it may cause frustration in the user as accidentally dropping or moving the device will cause them to lose their place and instead have a random angel presented to them.

## Target Users

## Non-Functional Requirements

#### 5.1 Security

All purchases that are made through the app will be done through the Google Play Store. For this reason, no encryption will be required as no personal information will be entered in the app.

#### 5.2 Performance

When the application is opened, it will operate in real-time. This means, that when a user performs an action, the action will be immediately executed, as it is only processing one action at a time. There will be a 0% loss of information transferred when querying the database. As long as the user has background tasks enabled and has enabled notifications, the user will be notified of the Reining Angel of the Moment.

#### 5.3 Scalability

The app may be expanded to work on wearable devices, such as the Android Wear.

#### 5.4 Internationalization

The default language of the application will be set when first opening it.

#### 5.5 Orientation

The app will rotate and adjust to the orientation of the device. The layout will be the same when the orientation is changed, meaning that the visible components will remain the same regardless of the orientation.

## Functional Requirements

### Application Brief