Astrologia

# Specifications

About

**Subject :**

Develop an Android application of your choice, with at least :

* Usage of a Google Play-services API
* Data storage
* An App Widget
* Usage of Fragments

**Project’s name :** Astrologia

**Description :**

Astrologia is an Android application on astrology.

After to be connect via Google account, the application get your birthdate and show you your astrological sign, your astrological ascendant, your chinese astrological sign and his element.

The application offer you to show your affinity with your Google contacts in term of their astrological sign.

The App widget will show you every day your daily horoscope

The application offer you too a astrological sign calculator.

Differents use case :

* Connection
* Home
* Parameters
* Calculator
* View Google contacts

**Case 0 : Connection**

Description :

The application ask to the user to sign in with his Google account, at the first launching.

Actors :

User

Prerequisites :

The application was never launched

Consequences :

The user is connected

Steps :

* The user launch the application
* The application show a « Sign in » Google button
* The user click on the button
* The user connect him with his Google login
* If the login/password is correct, the application redirect the user on the home screen of the application
* If the login/password is incorrect, the application show an error message

**Case 1 : Home**

Description :

The application show the home screen

Actors :

User

Prerequisites :

The user is connected

Consequences :

None

Steps :

* The user launch the application
* The application show the home screen with :
  + Birthdate of the user
  + The astrological sign
  + The chinese astrological sign
  + The daily horoscope
  + The element of the chinese astrological sign

**Case 2 : Parameters**

Description :

The application redirect the user on the parameters screen

Actors :

User

Prerequisites :

The user is connected

Consequences :

None

Steps :

* The user click on the menu icon then on the label « Parameters »
* The application show the parameters screen
* The user can set some parameters
* jThe user click on the « Save » button
* The application save the new values and redirect the user on the home screen

**Case 3 : Calculator**

Description :

The application redirect the user on the calculator screen

Actors :

User

Prerequisites :

The user is connected

Consequences :

None

Steps :

* The user click on the menu icon then on the label « Calculate »
* The application show the calculate screen
* The user choose a birthdate, an hour and a city
* The application show the result (astrological sign, element, and others)

**Case 4 : Affinity**

Description :

The application redirect the user on the affinity screen

Actors :

User

Prerequisites :

The user is connected

Consequences :

None

Steps :

* The user click on the menu icon then on the label « Affinity»
* The application show the affinity screen
* The application show all of your Google contacts with different colors to show your affinity in terms of your affinity (Green -> good, Red -> bad)