**“WhatsJob” Application**

Looking for a freelancer able to develop a brand new APP from design to functionalities, using Monaca Framework with Cordova.

APP contents will be handled in a reserved administrative website (php+mysql) that need to be developed together with the app.

Technical documentation will be provided for both the sections (APP + ADMIN).

Developer with knowledge of the following technologies required:

- Cross platform development with Monaca framework (https://monaca.io)

- Cordova

- Javascript

- HTML5

- CSS

- PHP

- MySql

I attach you the technical documentation.

As you can read, this project is structured in 2 parts:

1) the android/ios APP (to be compatible with Monaca framework and cordova plugins)

2) an administrative area in the web (php + mysql)

those 2 parts are strictly connected because:

1) app will be used by employes to communicate with admin

2) admin area will be used by the company boss to send comunications to one or more employes.

So the first part works depending the second and viceversa.

About the administrative area i will provide you domain + ftp + mysql access where you will have to work in.

About the SMS service, i will provide you the php code to send sms.

App design need to do be done from scratch. I don't need a sophisticated design, i just would like to have a management app, with modern elements (such as input, button, list, etc...). I will provide you splash screens and app icons

IOS/ANDROID APPLICATION (for employees)

* **Features**
  + If offline, it shows alerts that inhibit use until an active connection is returned
  + After splash-screen show Login or registration
* **First page**
  + Modern style (as videogame)
  + Dynamic boxes

**JOB CHAT**

* Message 1 bla bla bla bla bla bla bla bla
* Message 2 bla bla bla bla bla bla bla bla
* … … … …… …… …… …… …… …… …

**JOB DRAWER JOB WALL**

Voice 1 Voice 1

Voice2 Voice 2

… … … … … …

* **Registration**
  + Company Code
    - Users register using the company code (administratively generated)
  + Company (not editable and automatically recovered after entering the company code)
  + First name
  + Last name
  + E-Mail (unique)
  + Mobile number (primary unique key) + “Verify” button
    - Before confirming the registration, it is necessary to validate the mobile number.
      * Click on the Verify button
        + 1 SMS is sent to the mobile number with the text:

WJ-XXXXXX is your WhatsJOB verification code

* + - * + A new input element where add the received code is shown
        + The employee enters the code and once validated, the registration button appears
* **Login**
  + The insertion of the mobile number is required
    - CTA verification number
    - Code is sent via SMS
      * WJ-XXXXXX is your WhatsJOB verification code
    - The employee uses the received code associated with the mobile number
  + After the first login, the device will always have to automatically self-login when opening
* **JOBchat**
  + New message to the administrator
    - Subject
    - Description
    - Attachments
      * Up to 5
      * max 2,5Mb per attachment
      * Upload files (images or documents only) or take photos
    - When the message is sent, the administrator receives an email notification
  + Conversations
    - Are ordered by the last message received / sent
    - The title of the conversation is the subject of the first message sent
      * If the employee has unread messages in the conversation or unsigned documents, then the conversation title is in bold
    - Other details to show are:
      * Date and time Last activity
      * Number of messages in the conversation
    - By tapping on the conversation, a new page opens with details of the conversation, where you can see all the messages sorted by asc date
      * When the message is opened for the first time, the status of the message is updated from "UNREAD" to "READ"
        + Memorize update date and time
      * Date and time of sending the message
      * Text
      * Attachments
        + For each attachment received, check the "Signature" Flag

Signature = YES

The attachment must be signed by the employee

Add button CTA “Verify”

Onclick - shows input where you have to put the code received via SMS

WJ-XXXXXX is your WhatsJOB verification code

The employee enters the code and once validated, the date and time of signature is updated for that single attachment

* + - * After messages, show a box to add a message to the conversation
        + Textarea
        + Button “Answer”

Add message to the conversation and send email notification to the administrator

* **JOBdrawer**
  + List of categories
    - Category name
    - Total of attachments present
    - If there is a new attachment whose related message has not yet been seen or which requires a signature not yet given
      * Show the category in bold
    - By tapping on a category
      * List of attachments sorted by the most recent
        + Attachment name

By tapping on the attachment, the attachment must be opened

Opening via google docs (?)

* + - * + For each attachment check the "Signature" Flag

Signature = YES

The attachment must be signed by the employee

Add CTA Verification

Onclick - it shows input where you have to put the code received via SMS

WJ-XXXXXX is your WhatsJOB verification code

The employee enters the code and once validated, the date and time of signature is updated for that attachment

* **JOBwall**
  + Document box for everyone
  + See JOBdrawer

WEB ADMINISTRATIVE AREA (for companies)

* **Generation of user codes**
  + Each company has a special panel, where it can generate *n* registration codes to be distributed later to its employees.
  + These codes will be a mandatory data to be added to the app when registering a new user and will identify the company
  + Code model
    - *company abbreviation (3 chars) + “\_” + alphanumeric code of 6 numbers*
    - ex: “tel\_12as34”
* **Personal data**
  + List of employees
  + Employee card
* **JOBwall + JOBdrawer**
  + Categories list
    - Split by
      * JOBwall
      * JOBdrawer
  + Add new category
    - Checkbox
      * JOBwall
      * JOBdrawer
    - Name
  + Edit existing categories
  + Delete categories
    - You can delete a category only if it has no associated message (JOBchat)
  + Default contents - JOBdrawer
    - Paycheck, Contracts, Shifts / Working hours, Full holidays, Leave, Convocations of health surveillance visits, Welfare
  + Default contents - JOBwall
    - CCNL, Disciplinary Code / Ethical Code, CIA, Trade Union Agreements, Regulations, Smartworking, Trade Union Communications, Health-Safety Protocol, Privacy Notice
* **JOBchat**
  + New message to employees
    - Each new message generates an IdBox which is used to view the messages as conversations (all messages belonging to the same IdBox are part of the same conversation)
    - Send to 1 or more employees (multi select)
      * For each employee chosen, a conversation is generated (IdBox)
    - "Urgent" Flag
      * If active, the push notification sent to the employee will be:
        + “URGENT” + subject of the message
    - Allow possible choice of a single box (by select element)
      * JOBdrawer
        + Show categories
      * JOBwall
        + Show categories
    - Subject
    - Text
    - Attachments
      * Up to 5
      * max 5Mb per attachment
      * For each attachment added
        + shows a radio button

SIGN yes

SIGN NO

* + - * + Allow to specify the title of the attachment
  + Messages sent / received
    - View as conversations (use IdBox) sorted by the last message received / sent
    - Each conversation is enclosed in a box where you can see all the messages sent and received
      * The title of the conversation is the subject of the first message sent
        + If the administrator has unread messages in the conversation, then the conversation title is in bold
      * Other details to show are:
        + Date and time last activity
        + Number of messages in the conversation
        + Name and surname of the interlocutor
        + CTA Translate

By clicking on this button, the conversation (subject + all messages) is translated into Italian using the google translate services

* + - * By clicking on the conversation, a new page opens with the details of all messages sorted by asc date
        + If the message sent to the employee was not read by the employee, then show the message with a reddish background and add "unread"
        + Date and time of sending the message

If it is a message sent to the employee and it has been read, add: “read on:” + date and time of reading

* + - * + Text
        + the status of messages sent to the administrator is updated from "UNREAD" to "READ"
        + For each attachment sent by the administrator, check the "Signature" Flag of the attachment

Signature = YES

If the attachment was signed by the employee

Show signature date and time

If it has not been signed, add "unsigned"

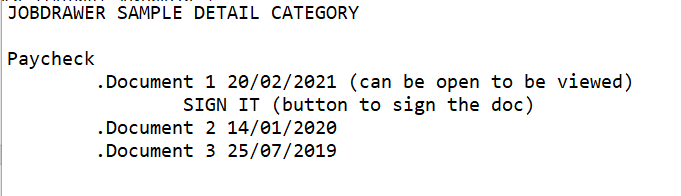
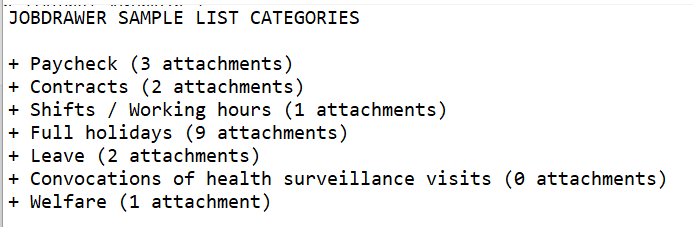
* + - * + After messages, show a box where is possible to add details for a new message of the conversation

Textarea

button CTA “Answer”

Add the message to conversation and send a push notification to employee

* **Extra Features**
  + Cron generation push notification (every hour)
    - Generate a push notification for each employee who has unread messages or unsigned documents (notification to be sent every 12 hours from the last sent)
    - If there are more unread messages, the notification must concern the last unread message received
    - Notification text
      * subject of the message
      * If the “URGENT” flag is on for that unread message, the push notification sent to the employee will be “URGENT” + subject of the message



Using Laravel mysql .

jobdrawer is a container of documents

4:53 AM

grouped by categories

4:53 AM

if you started developing the admin area, this would be much more easier to do and understand

4:54 AM

app depends by tha admin area

4:54 AM

in my mind, while designing the app, i thought that i have to do first admin area, than app

4:55 AM

technical document i sent you infact, has as order before the admin area and then app

4:55 AM

you can do reverse anyway, but it is little more harder to understand

4:55 AM

about jobdrawer you need to focus in one important thing

4:56 AM

the document that the admiin sent to a employ are strictly confidentials and need to be signed by the employe that receive it

4:56 AM

in job drawer there is the list of document

4:57 AM

and if there is some document not signed, he need to do it using the sign by sms code

4:57 AM

you can well understand the app intelligence if you read in the document the admin area functionalities

5:00 AM

for example in admin area when sending a message and adding a document, admin need to set this

jobdrawer contains your personal documents jobwall contains documents shared for all the company employes

so jobdrawer and jobwall are quite the exact same sections. but the first with personal documents, the second with shared documents