

WYD 2019 PROJECT

JANUARY 22ND. to 27th, 2019

Introduction

Today's youth (common trends)

1. **Use of Information and Communication Technologies** (Augmented Reality (AR), Virtual Reality (VR), Holographic Displays, Microsoft Kinect®, eBeacons, QR Code, 3D, 4D, Karaoke, Interactive Video Wall, Geo-Positioning (GPS), Image Recognition, Images and Videos 360°, Images and Videos, Drones, Live Streaming).
2. **Use of Art (Classic, Contemporary and Urban)**
3. **Participation in Sports (Soccer and Baseball) as it is proven to be attractive to youth “God’s gooooal – God’s Home Run”**
4. **Providing conventional responses to unconventional situations.**
5. **Living their spirituality within their reality.**
6. **Believe in Christ and seek unity with Him, desiring to be His messengers.**



Strategies and actions:

1. Theme park: Cristonaut@s[®]

1. *The Annunciation (reflection, prayer and action)*
2. *New Evangelization*
3. *Auditorium*

2. APP JC go[®]

1. *Cristonaut@s (eTeam) – Local and worldwide*
2. *The Way (Augmented Reality AR and Image Recognition)*
3. *Lectio Divina Video clips reflection of the:*
 1. *XXXII World Youth Day, 2017 (Luke 1, 49),*
 2. *XXXIII World Youth Day, 2018 (Luke 1, 30),*
 3. *XXXIV World Youth Day, 2019 (Luke 1, 38)*

3. Other resources

Cristonaut@s® Park

an Ecologically Friendly Park

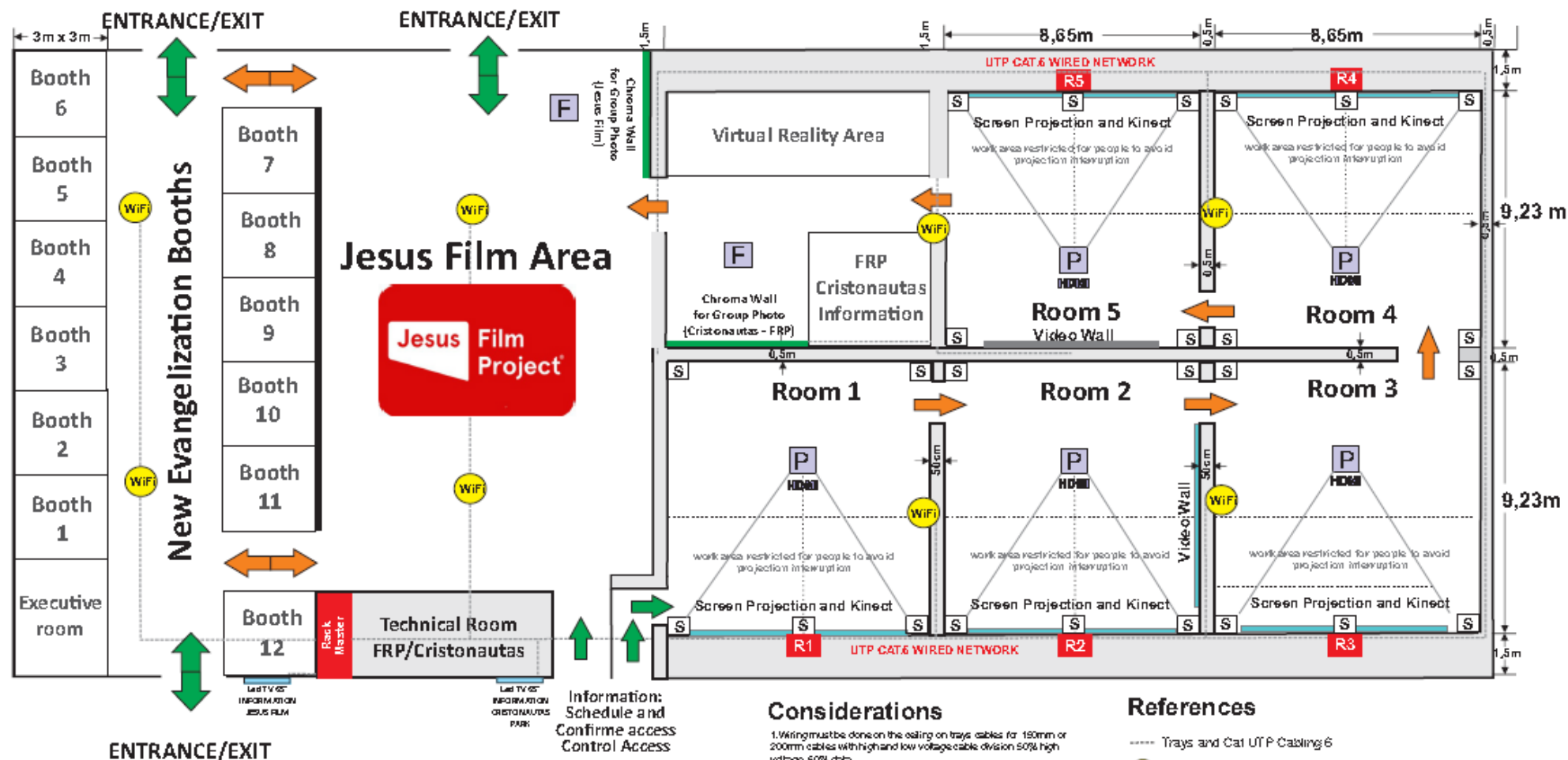
Annunciation (Reflection and Prayer)

It is **monothematic**, but incorporates diversity through technological interactions (**Augmented Reality (AR), Virtual Reality (VR), Holographic Screens, Microsoft Kinect®**, iBeacons, QR Code, 3D, 4D, Karaoke, Interactive Video Wall, Geo - Positioning (GPS), Image Recognition, images and videos 360°, Image and Video, Drones, Live Streaming).

1. An enclosed, covered and temperature controlled space set of 14,000 ft²
2. Interactive, using technology for the processes of reflection, prayer, and action through the method of Lectio Divina, which has been adapted to young people and today's world.
3. Working with Biblical Text: Luke 1, 26-56 "Behold the handmaid of the Lord; Let it be done unto me according to your Word."
4. 5 languages: Spanish, English, Portuguese, Italian and French.
5. Subscription / registration through internet or APP.
6. Uninterrupted groups of 30 people at a time, continuously entering the park.
7. Scheduling reservations for visits (the system will provide a QR code to validate entrance).
8. There will be young guides giving instructions and guidance and it will be provided in those five languages as well.

WYD 2019 Cristonautas Park

Technical Scheme



Considerations

1. Wiring must be done on the ceiling on trays cables for 150mm or 200mm cables with high and low voltage cable division 50% high voltage, 50% data.
2. The free area indicated in each room (Restricted area), so as not to interrupt the projection, and the location of the projector is approximate, must be confirmed according to equipment.
3. In each room with audio, should be considered for the installation of a subwoofer (for bass sounds), which can be located anywhere in the room. Consider that this equipment connects to each of the speakers located in the room, with cables from the subwoofer to the speakers. It can be placed under the TV.
4. Between the Rank and the Room must be provided a space for cables to connect Kinect and HDMI cable to TV. Set a tray for HDMI cable and power rack to projector, located in the center of each room.
5. Each TV must be connected to the power supply. Each Rank must have 6 power outlets.

References

- Trays and Cat UTP Cabling 6
- WiFi access point - Brand and Model: Ubiquiti UniFi AC Pro
- Speakers
- 3D Led Projector
- Wall Rack - 4 units and 500mm prof.
- Led Interactive Screen and/or Video Wall
- Photo WiFi place
- Whole Chroma wall (Green)











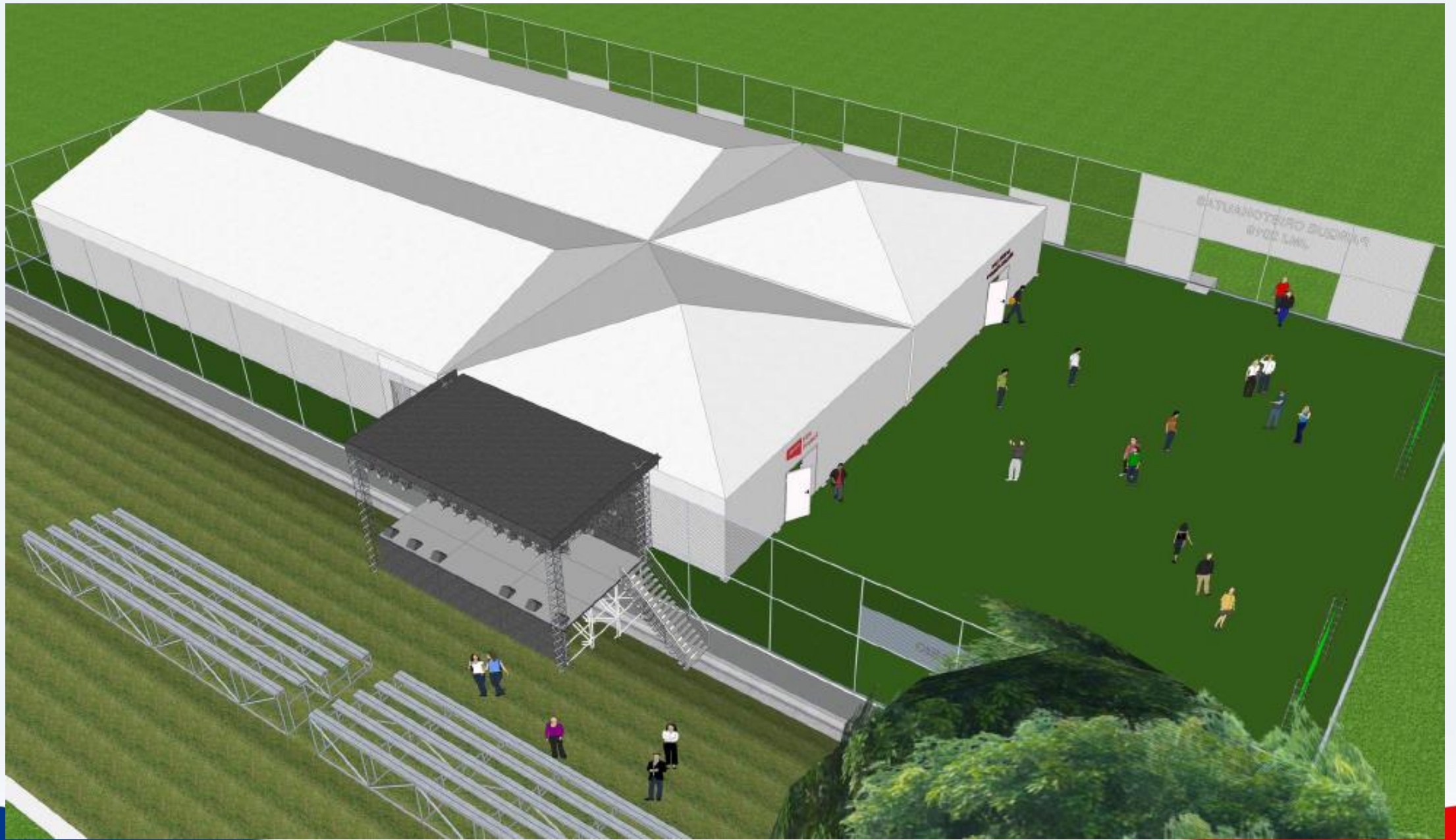




LA ANUNCIACIÓN













Technologies used in the project

Technologies for this project

1. Virtual reality(VR)
2. Augmented reality (AR)
3. Microsoft Kinect®
4. iBeacons
5. Projections in 3D
6. Projections in 4D
7. Karaoke
8. Interactive Video Wall
9. Global Positioning System (GPS)
10. Image Recognition
11. Images and 360 videos
12. Images and videos
13. Drones
14. Live Streaming



Virtual Reality(VR)

Is a virtual world created, in which the user has the experience of being inside that virtual world and can interact in it.



Augmented Reality(AR)

Is a technology that adds to the real world using virtual technology. The difference with virtual reality is that this is isolated from the real world and is totally virtual.



Microsoft Kinect®

Kinect is a device that connects to a PC or XBOX game console and allows users to interact with a computer system without having to touch any device.

The device consists of cameras with night vision, 3D scanner, facial recognition, recognition of the human body (complete skeleton, body movements, heartbeats, strength, expressions, etc. In addition it incorporates a microphone for voice recognition and can interact with up to 5 People simultaneously.)



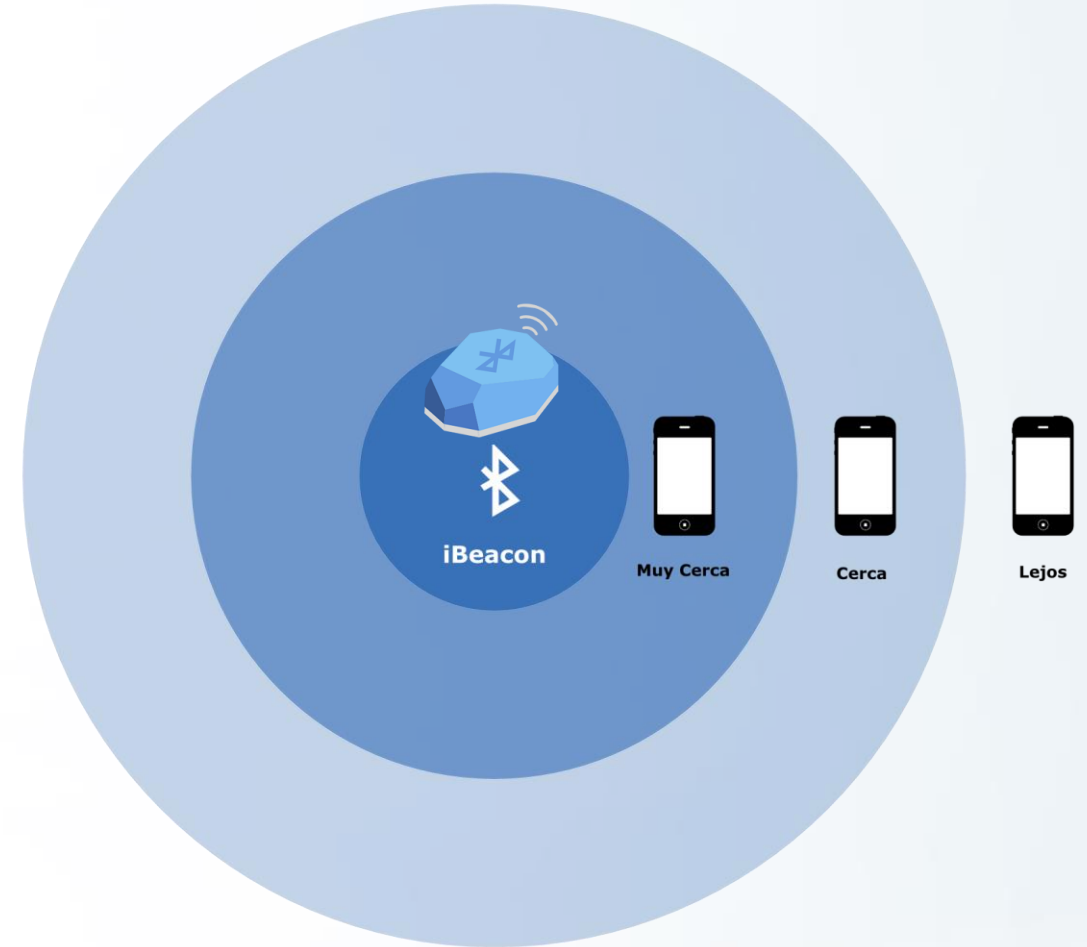
iBeacons



The **iBeacons** are small devices that are located in different points of a facility and that communicate by Bluetooth with the smartphones of the users.

The operation of this technology is based on indoor geolocation, which acts similar to a GPS that knows exactly where a person is physically, but within a closed area.

Specifically, the ibeacon sends information up to a distance of 50 meters that are automatically received by the mobile devices that are squeezed in that radius of action.



3D Projections



The 3D digital system simulates the effect that occurs in the human eye while perceiving a real three-dimensional object in 3D projections.

The system creates the illusion from the emission of interspersed images of the left and right eye at 144 images per second (2 eyes x 24 images x 3 times each image).

Circular polarization, which is more stable, is used from the projector that is in sync with the LCD screen placed in front of it, to create the polarization of light. A special, silvery, reflective light is needed, helping to reduce image transfer from one eye to the other.

4D Projections

The 4D digital system simulates the effect that occurs in the human eye while perceiving a real three-dimensional object in 3D projections.

The system creates the illusion from the emission of interspersed images of the left and right eye at 144 images per second (2 eyes x 24 images x 3 times each image).

Circular polarization, which is more stable, is used from the projector that is in sync with the LCD screen placed in front of it, to create the polarization of light. A special, silvery, reflective light is needed, helping to reduce image transfer from one eye to the other.

Here also the senses are stimulated with external elements, like air, water, odors, etc.



Karaoke



Interactive Video Wall

A Video Wall is a special configuration of several computer monitors, video projectors or televisions assembled together contiguous or overlapping to form a large screen.

These screens can be touch sensitive allowing people to interact with them.

Typical display technologies include LCD panels and touch-sensitive LED monitors.



Geo Positioning System (GPS)

The Global Positioning System (GPS) is a system that allows the user to determine his/her position and/or the position of an object (a person, a mobile phone, a vehicle) on Earth. It has a precision of down to centimeters, although usually works within a few meters of precision.



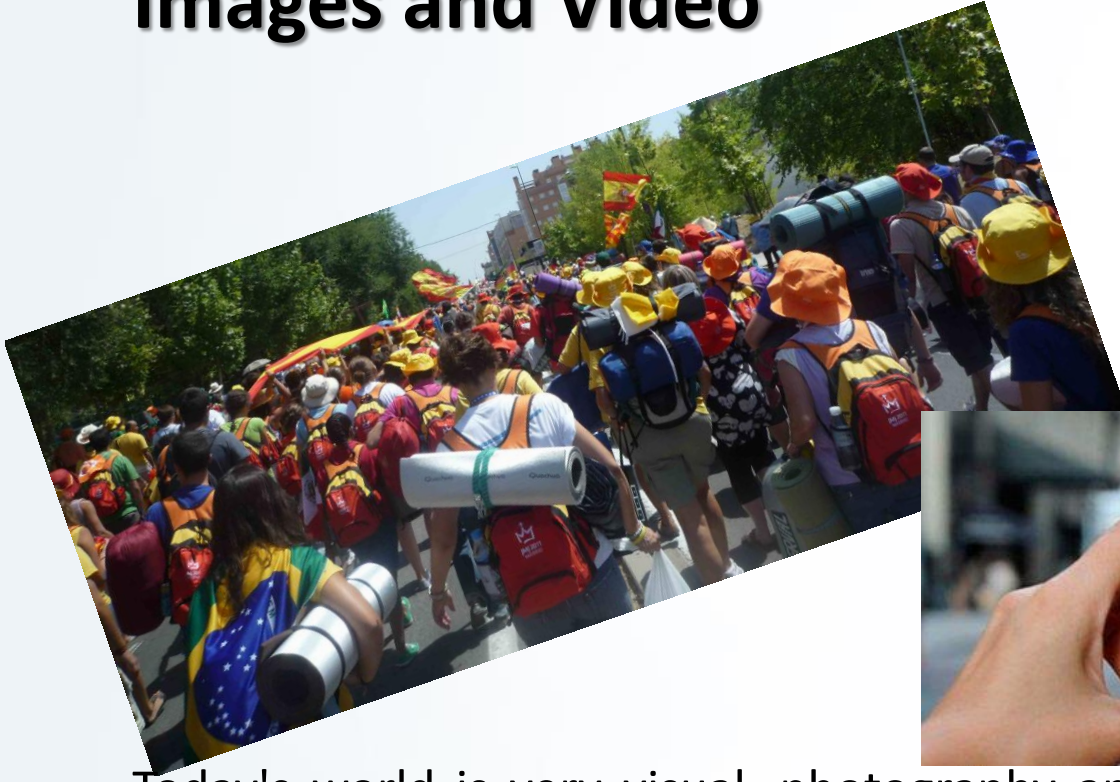
Augmented Reality(AR)



Augmented Reality(AR)



Images and Video



Today's world is very visual, photography and videos are the means that provide information to the world.

These can be very professionally prepared or even simple photographs and videos made from a cell phone, but they have the great advantage of capturing the moment, which attracts the attention of thousands and becomes a worldwide trend.

Drones



A drone is an aerial vehicle that flies without a crew. The most outstanding characteristic of a drone is that its flight is controlled by remote control, although there are some that are driven by software.

It is very common to see these devices flying, showing scenes from above and at different angles, or whole panoramic views of special event (Available just for the Cristonaut@s Park).

Streaming



Internet browsing is necessary to download files (HTML page, JPG image, MP3 audio, etc.) from the remote server to the local client and then display it on the latter screen. Streaming technology is used to optimize the download and playback of audio and video files that are usually large.

New Evangelization

This space is diverse in topics and has interaction through the Information and Communication Technologies of **Augmented Reality (AR), Virtual Reality (VR), Holographic Screens, Microsoft Kinect®, iBeacons, QR Code, 3D, 4D, Karaoke, Video Wall Interactive, Geo-positioning (GPS), Image Recognition, images and videos 360 °, Image and Video, Drones, Live Streaming.**

In addition, the application of Art and Sports (which today is very appealing to young people)

1. 7 rooms with interactive games with technology, printed art, sports (God's goooooool and God's homerun) and other existing proposals.
2. 5 Languages
3. Each room will have a special and unique theme, different proposals on how they can use Information and Communication Technologies, as well as Art and Sports for Evangelization, Christian Education (Values) and more.

Auditorium

An open auditorium, in which young people and their delegations of different countries will make cultural presentation that they were asked to prepare beforehand, after reflection of some biblical text through the method of Lectio Divina, using New Evangelization (New in its methods, new in its forms and new in its expressions - Information and Communication Technologies, Art, etc.) using screens, music, live streaming, drones.

They will create dialogue panels about themes related to the youth, their environment and the Church.

In addition, the space will be available for some other presentations having to do with the Christian message.

App JC go[®]

APP “JC go®”

1. ***Interaction with the real and the spiritual world.***
2. ***Permanent use.***
3. ***Worldwide (approx. 3 million)***
4. ***2 important sections:***
 1. ***My eTeam – Local and Worldwide***
 1. Game using geo positioning.
 2. Users have to search through the streets in cities for Biblical Characters, Marian devotions, Saints and the Blessed.
 3. Users can create a friends network, groups, add and invite friends to accompany them on their journey to the WYD Panamá 2019.
 4. Each action (finding, sharing, praying, reading, adding a friend, etc.) will give them a score to be part of an international ranking.
 5. ***Wordlwide launch – August 2018***
 6. ***Second launch – Novembre 2018***
 7. ***Third launch– Diciembre 2018***
 8. ***Final launch WYD Panama 2019***



Welcome to the game ó Splash Screen

The application starts presenting a preload
screen and welcome to users



Register and access

To play, users can log in as anonymous to a limited version in which they can not collect more than a limited number of objects (Apple requirement). To use it in full mode, users must register using their email or Facebook.

Will request basic data from users and to complete the registration and then we will be able to have a complete profile of each player



Registration form






Users will have a user that identifies them in the game.

They will be able to define their language preference: Spanish, French, English, Italian or Portuguese.



CREATE YOUR USER

Your Language

Language Selected: English

Create your Username

Your username

Enter your e-mail

your_email@domain.com

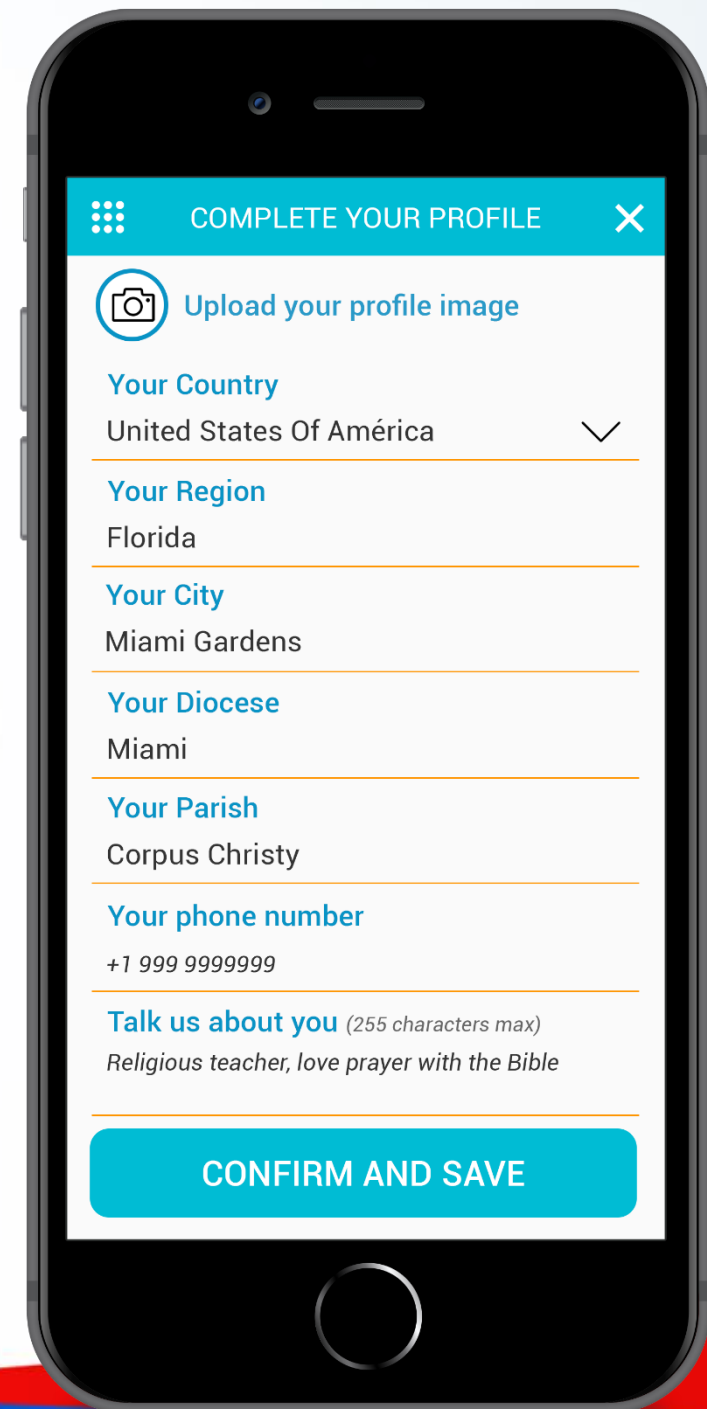
Create your Password

☒ I have read and accept the terms and conditions.

CREATE MY USER

Complete Profile

En el siguiente paso deberán completar sus datos de origen y contacto.
In the next step users must complete their whole and contact information.



A smartphone screen showing a profile completion form. The form is titled 'COMPLETE YOUR PROFILE' with a close button (X) in the top right corner. The form contains several input fields with labels in blue and placeholder text in grey. The fields are: 'Upload your profile image' with a camera icon, 'Your Country' with 'United States Of América' and a dropdown arrow, 'Your Region' with 'Florida', 'Your City' with 'Miami Gardens', 'Your Diocese' with 'Miami', 'Your Parish' with 'Corpus Christy', 'Your phone number' with '+1 999 9999999', and 'Talk us about you (255 characters max)' with the placeholder 'Religious teacher, love prayer with the Bible'. A large blue button labeled 'CONFIRM AND SAVE' is at the bottom.

COMPLETE YOUR PROFILE X

Upload your profile image

Your Country
United States Of América

Your Region
Florida

Your City
Miami Gardens

Your Diocese
Miami

Your Parish
Corpus Christy

Your phone number
+1 999 9999999

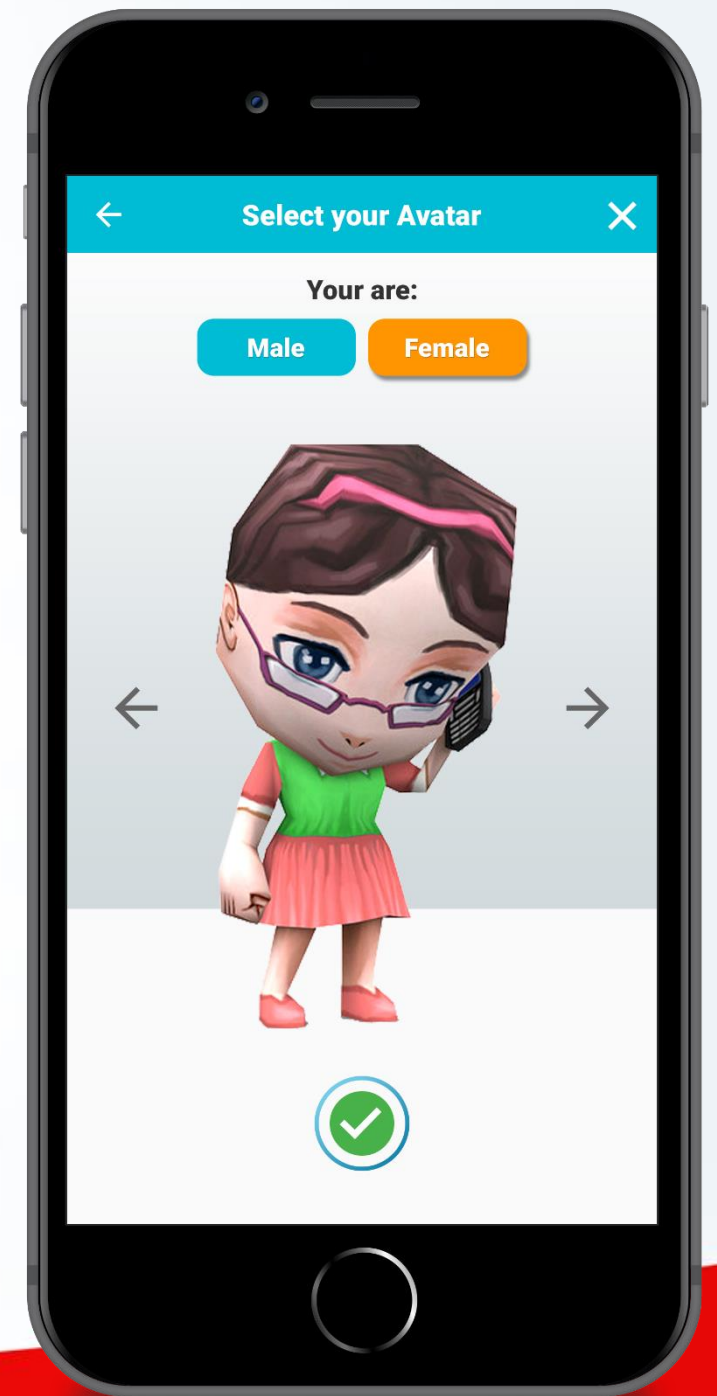
Talk us about you (255 characters max)
Religious teacher, love prayer with the Bible

CONFIRM AND SAVE

Select Avatar

Finally, next step: users select their "Avatar", or player appearance in the game for other players.

Will select a male or female Avatar.



Avatars Available

MALE CHARACTERS



FEMALE CHARACTERS



KIDS CHARACTERS



Map of Game Geo Referenced

The main screen of the game is a geo-referenced map of the city in which they are located, placing the player at the current location in the center of the map.

The player must walk around the city and create his eTeam (biblical characters, saints, blessed, Marian devotions and friends), find food, water, spirituality, see advertisements to obtain points and virtual coins or use the integrated search engine / GPS to find points of interest (POI): churches, shopping stores, restaurants, supermarkets, banks, health, tourism, entertainment, etc ...



My eTeam

eTeam is the place where users will find collections, friends that add to their adventure and missions.

Users will be able to know how many items need to complete their collections, repeated ones to exchange with friends, contact and / or add friends, help and share with friends the Word of God or help them in the game.



Collecting items

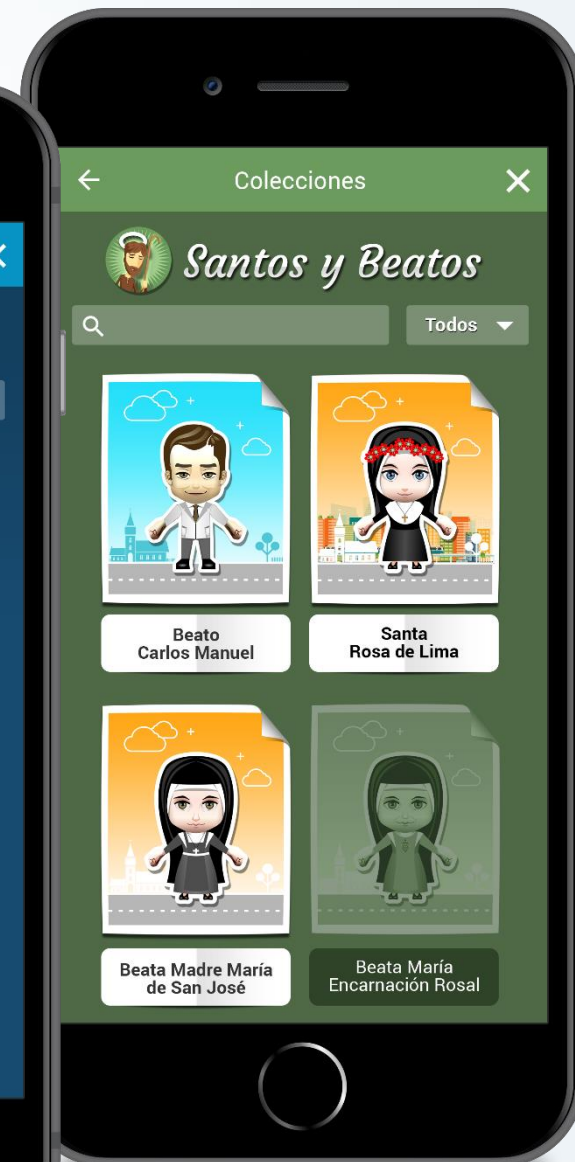
To take a collectible any item, must go to it and a trivia will automatically appear on the screen, on which must answer correctly to add the item to the eTeam: Biblical Character, Marian Advocacy, Holy or Blessed.



eTeam Collection examples

In the collection, players will be able to see the ones they have found and know the amount that are missing to complete each collection and see items that have repeated for exchange.

Will have access to complete information, which will allow them to learn, pray and share with their friends.

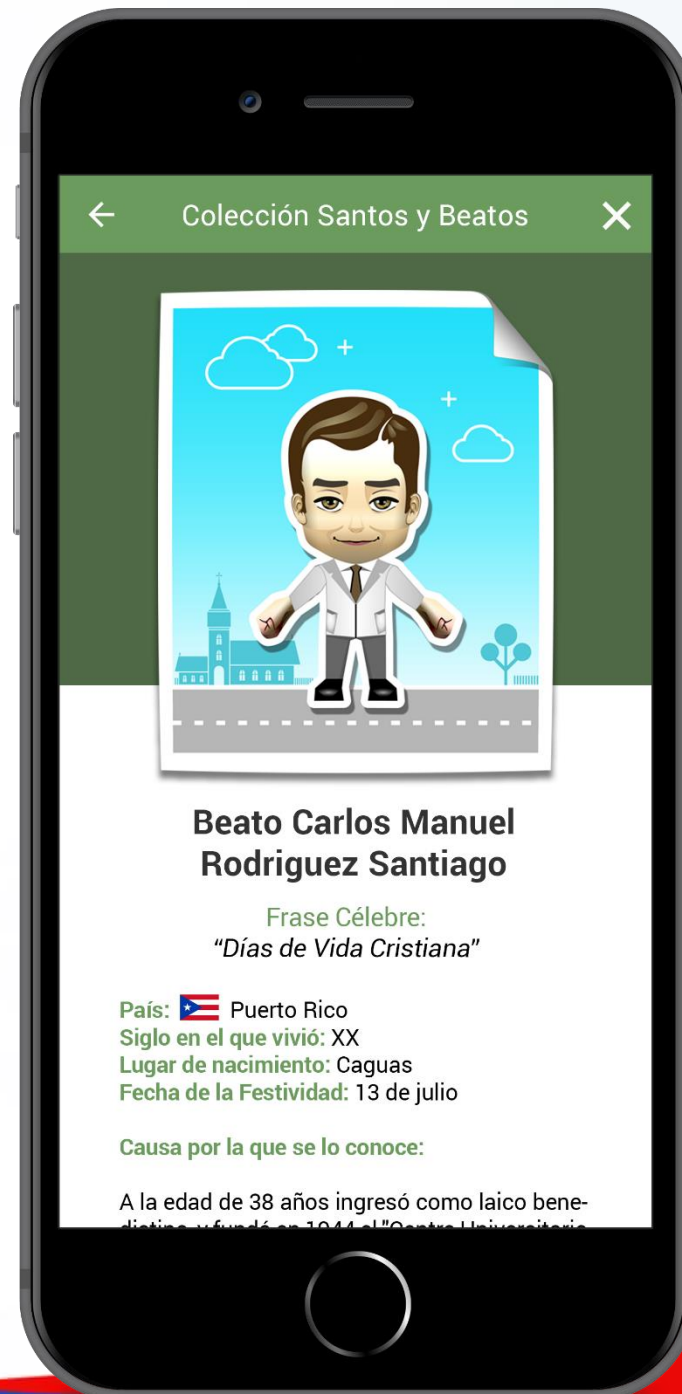


Mi eTeam

Information on collectible items

Each collectable (Holy, Blessed, Biblical Character and Marian Advocacy collected) contains more information that can be accessed from the collection.

From this point can also pray and share with their friends.

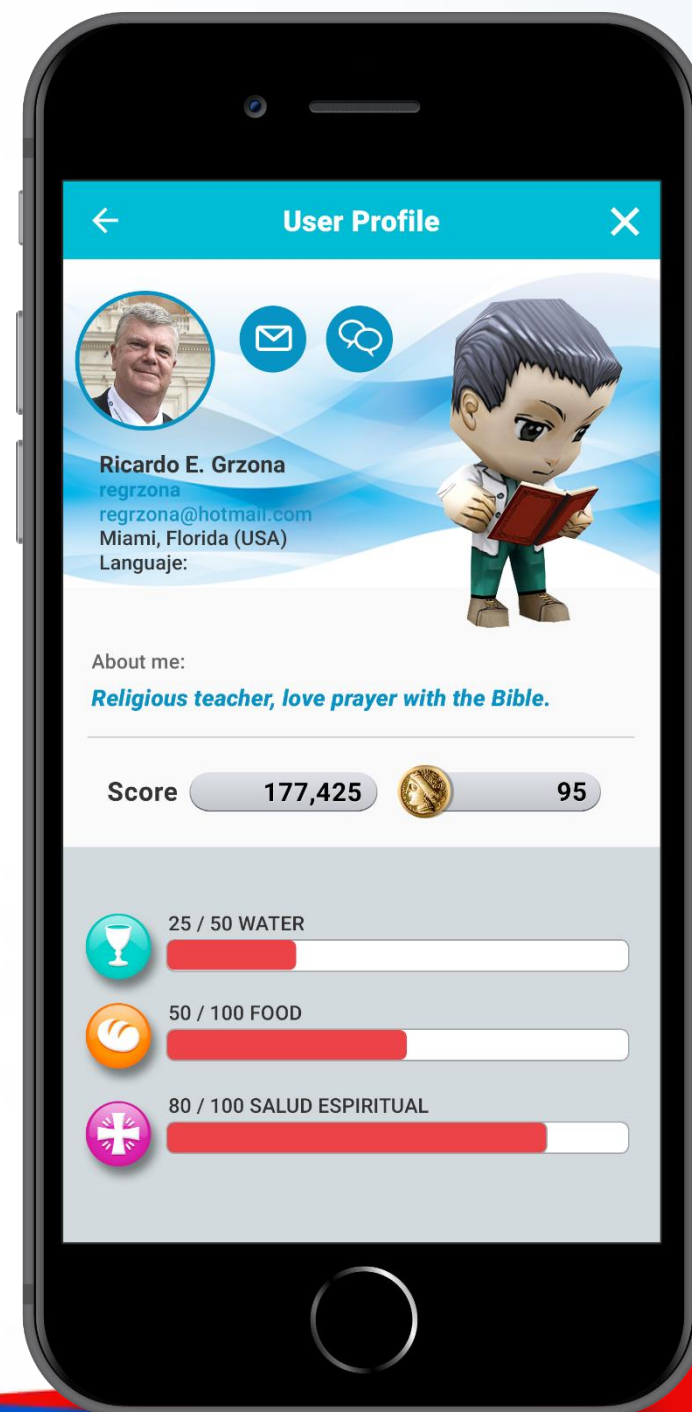


Information about other players and friends on the map

If the player has internet (plays online), can see his friends on the map if they are playing, can click to get information and / or contact him. Will not be able to see personal information of other players if they are not part of his eTeam (privacy rules)

If they do not have internet available (play offline), can access this information and contact from their eTeam -> Friends

Will find options to send a message and / or invite users to be part of their eTeam.



GPS Search & Go!

Users can use the game as a GPS to find places or points of interest such as: churches, banks, restaurants, health services, entertainment, etc. with it, obtain information of these places and directions on how to get to them

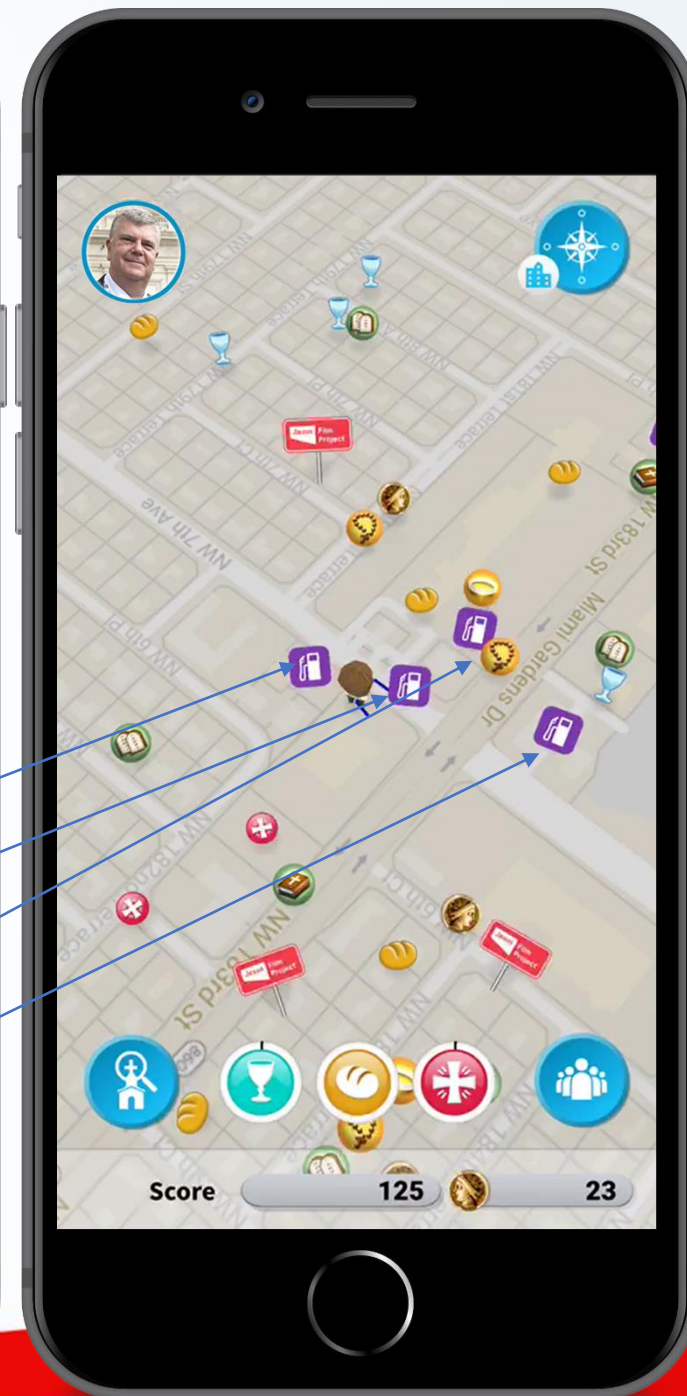
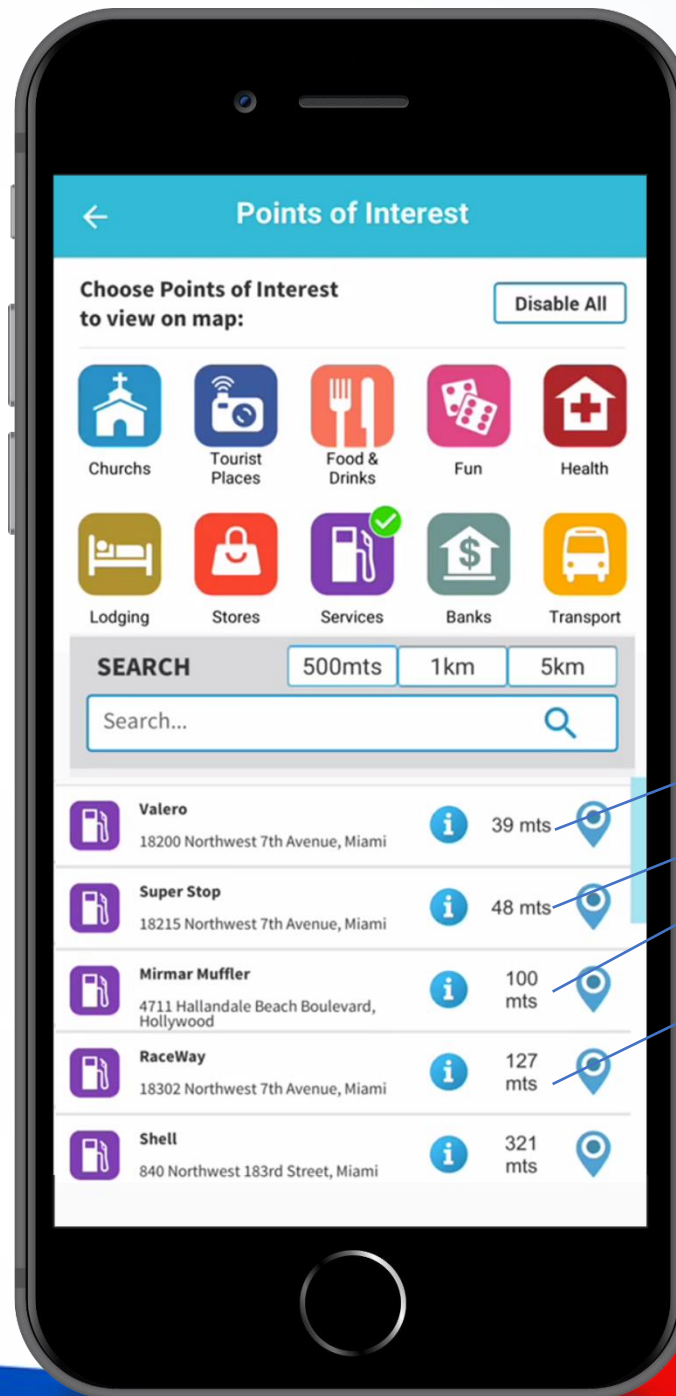


POI Finder - GPS Guide

We incorporate a powerful GPS search engine, which offers the selection of items of interest, allowing to see as result a destinations list ordered by distance.

Allows to search by name and adjust the range to search.

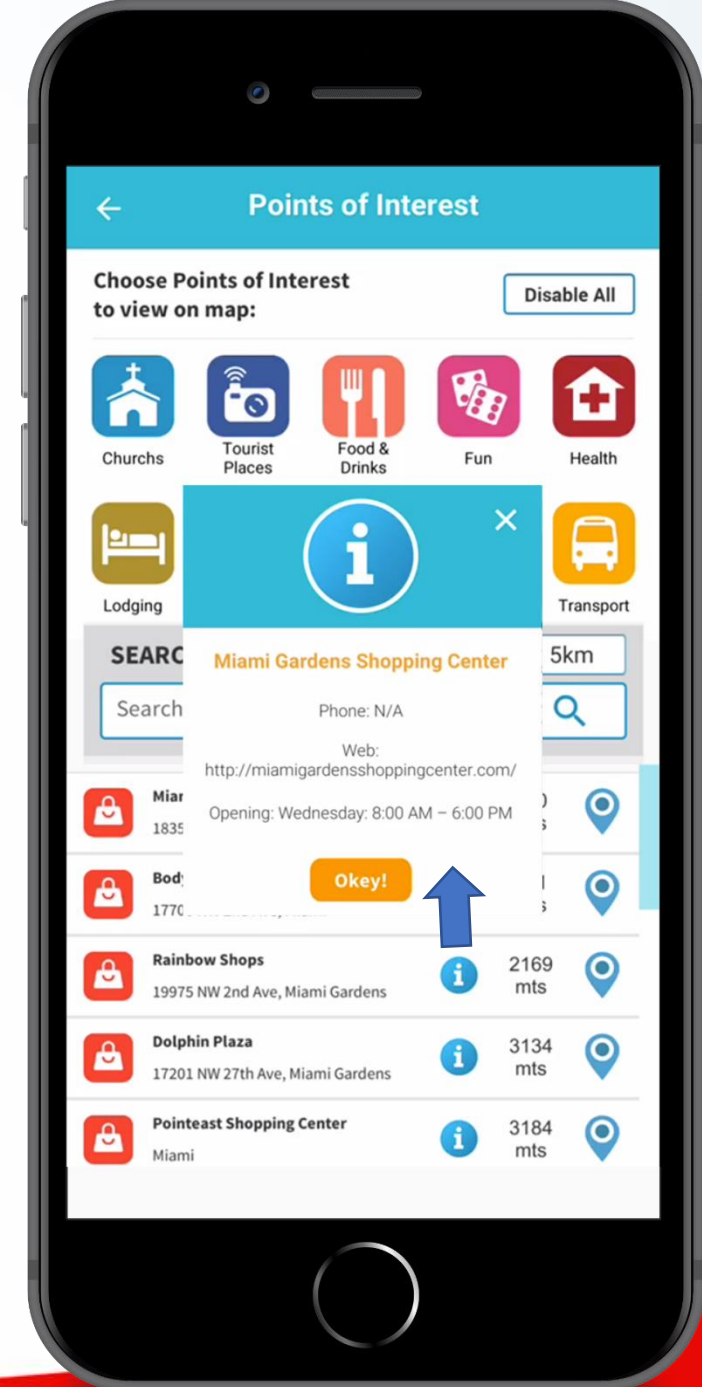
On the map will show the points of interest that meet their search.



Shop Information

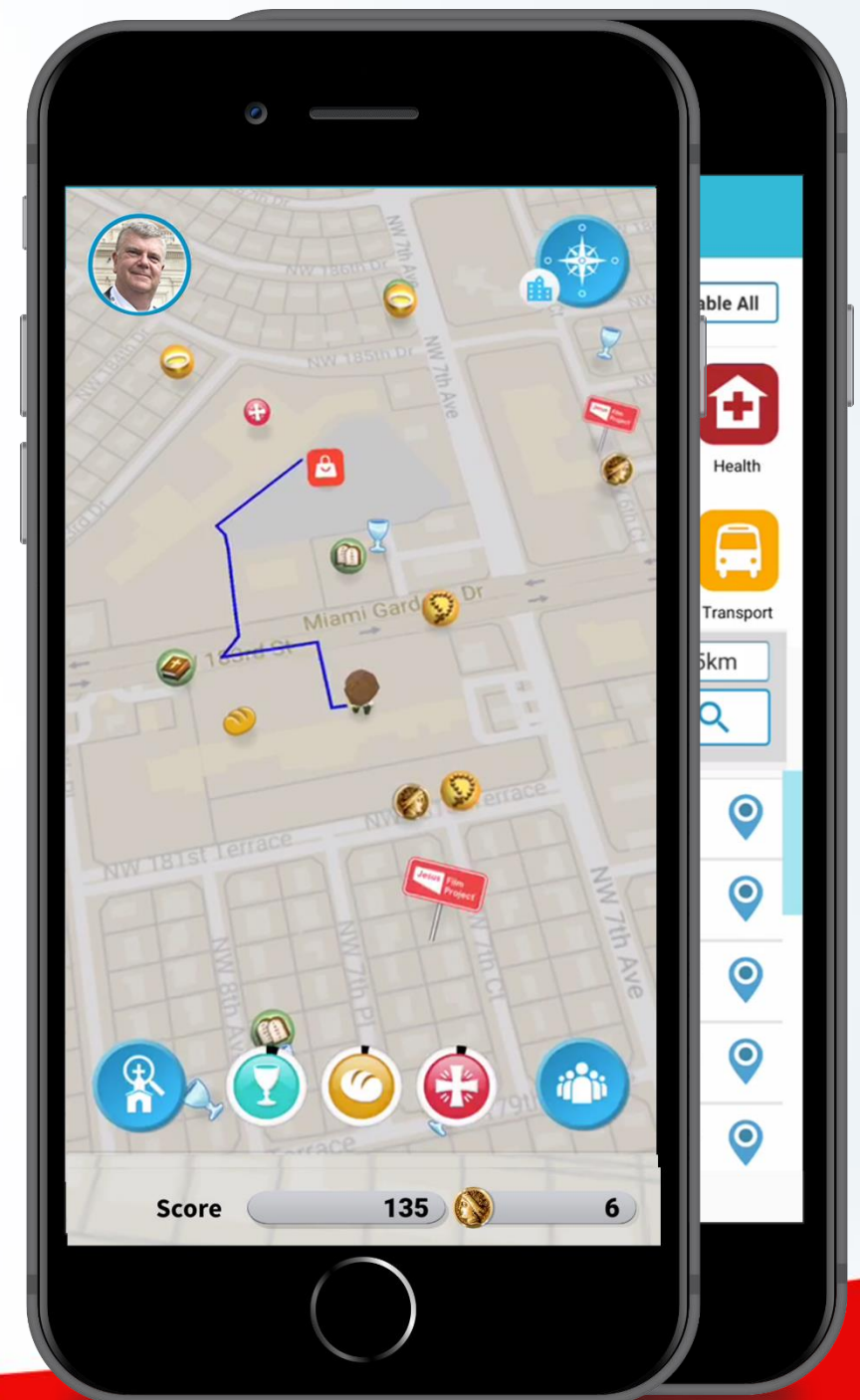
Touching the information icon, can access to get more information about the points of interest. In the case of a shop, can know the location, phone number, website and opening and closing hours.

We can incorporate more information about the shop such as: photography, information referring to, a video or special offer, etc.



What is the way to get there?

Clicking on the icon represented by a geo-referenced location symbol, will receive directions on the map to reach the point of interest.



APP “JC go®”

2. *The Way (Technology and Evangelization)*

1. Use Augmented Reality (AR) and image recognition
2. Interaction with Billboards, Panels, Banners, Posters, etc.
3. Mainly in Panama city, but not limited to, since they can be used in other geographic areas.
4. Online Panels, Banners, Posters, etc. – art files - will be posted for download in any city in the world.
5. Billboards, Panels, Banners, Posters, etc. will be strategically placed throughout Panama city (Airport, Shopping Centers, Subway Stations, Bus Stations, Parishes, and mainly in the official JMJ locations). Currently working on the procedures to place them in the Vatican.
6. In interaction with JC go APP and image recognition, video clips about the Bible and mainly about the Gospel of Luke 1, 26-56 can be reproduced on their smartphones and / or tablets.



APP “JC go®”

3. Reflection video clips (Lectio Divina) for the WYD 2017, 2018, 2019.

- 1. XXXII World Youth Day, 2017 "The Almighty has done great things for me" (Luke 1:49)**
- 2. XXXIII World Youth Day, 2018 "Do not fear, Mary, because you have found favor with God" (Luke 1, 30)**
- 3. XXXIV World Youth Day, 2019 (Panama) "Here is the servant of the Lord; let it be done to me according to your word "(Luke 1:38)**

APP “JC go®”

4. *Other resources.*

1. Youth will have a "travel diary", called: “My Journey”, they will find: their stories, notes, prayers, gospel of the day, recommended readings and reflections through Lectio Divina.
2. Will be able to write on it, make comments and notes.
3. Enable the Cristonaut@s® Park Schedule on your device.
4. Request tickets for Park access.
5. QR code to enter the park.
6. Evaluate their experience at the Cristonaut@s® Park.

APP “JC go®”

4. *Other Resources (Continuation)*

7. Perform the interactive activities within the Park (record their prayers, see the Annunciation with Augmented and Virtual Reality, get special photos of these special events: time of the Annunciation, sharing the word of God with friends, sharing on Social Networks, etc.)
8. Enable a special Lectio Divina collection.
9. Many other news that we are working on.