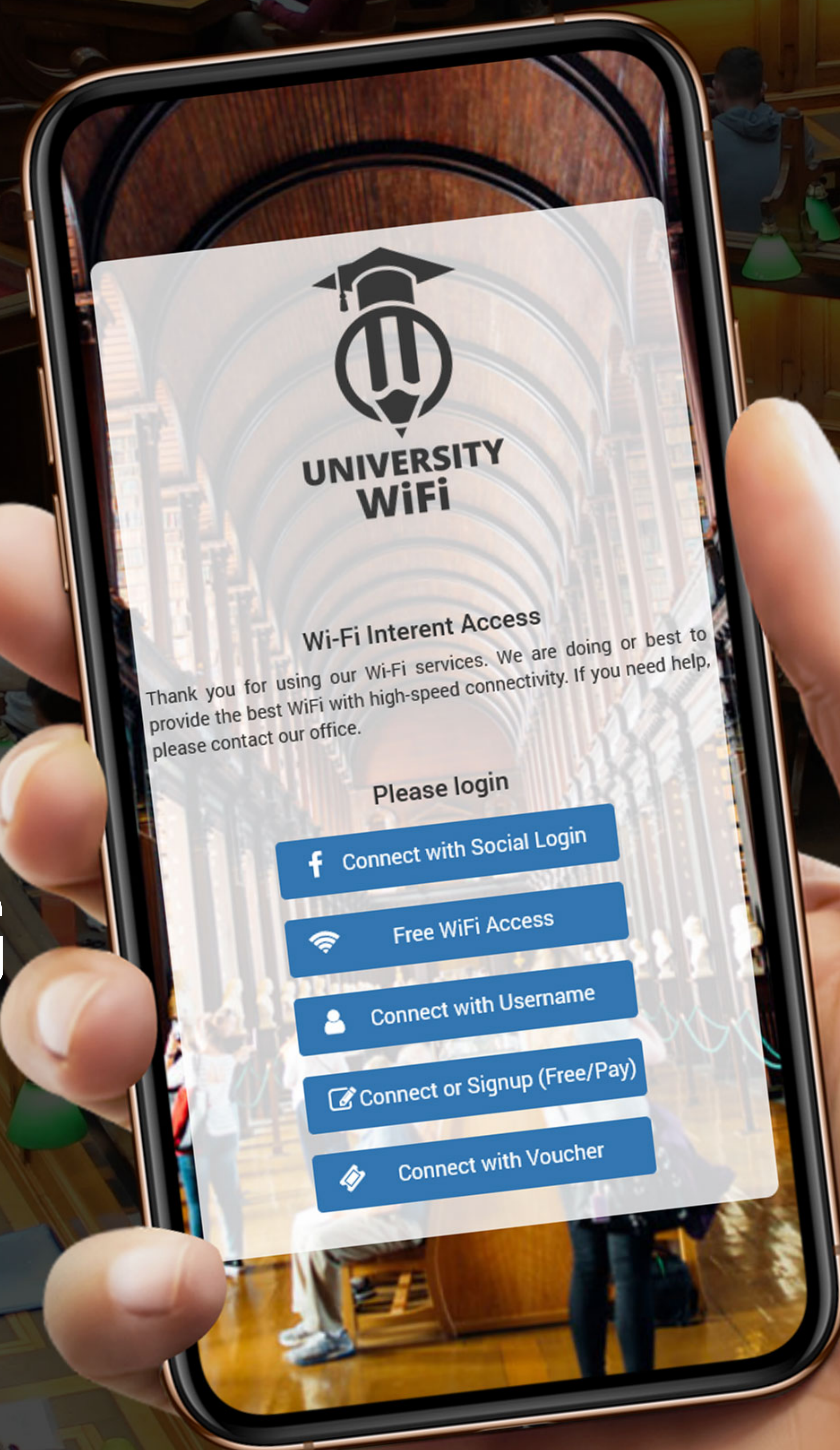


# UNIVERSITY



## ENGAGE CONNECTED STUDENTS IN NEW WAYS AND ENHANCE LEARNING





# TOP WiFi FEATURES



## WiFi MANAGEMENT

Centralized WiFi management of the user accounts, access limits, Internet plans. All APs are connected to a central cloud server for authentication, accounting and management.



## USER LEVEL LIMITS

Assign different limits to user accounts: download, upload, bandwidth quota, expiration date. Very high customization of user accounts which allows creating limited or unlimited accounts.



## WiFi BILLING

Billing with preprinted vouchers, PayPal, 70+ payment gateways... Automate billing of your WiFi service and keep 100% of the profits.



## INTERNET PLANS

Define price for Internet Plan and determine download and upload speed the guest will have during the session, total bandwidth data available for transfer, optional session duration...



## VIDEO ADS BEFORE LOGIN

The system can deliver video commercials before a guest connects to WiFi, targeted by age and gender. Each campaign includes the click-through rates stats, with a PDF report available



## SOCIAL LOGIN

Your guest login via social network account is a quick and simple way to collect emails and your guests and visitors names, and therefore to use those data for purposes of marketing campaigns



## EMAIL MARKETING

Send promo Email marketing campaigns automatically when a guest connects or leaves the premise. Set automated Email reminders to visit venues or sell products.



## ADVANCED ANALYTICS

Ranging from basic data to advanced analytics, the system offers you both reports and a complete insight into how WiFi network functions and the behaviour of your guests on the Internet



# CLOUD WiFi ARCHITECTURE

Cloud WiFi system has an advanced architecture that allows both simple and very large networks.

You can start offering WiFi services and grow slowly by adding new access points, connect different University campus areas, one step a time.

Easily integrate several separate WiFi networks in one large network, where all accounts are served from the central database (included free of charge).

Flexible architecture makes Cloud WiFi system suitable for different implementations, from University classrooms to University country wide networks.





# IDEAL WiFi SOLUTION

Cloud WiFi system provides you with both advanced WiFi network control and a reliable connection with all users.

Track your students behaviors, analyze the demographics and habits of your students, display location-based information or fully-featured informational Email campaigns and inform students about University activities.

The system gathers data and surveys with feedback on student satisfaction, complaints, and comments that may be answered personally.

In a dormitory, students can log in via an account and get a higher Internet access speed. Campus visitors, can log in via social networks and they can be granted a lower Internet access speed and a limited usage time.





# HOW UNIVERSITY WiFi WORKS?

Upon accessing University WiFi network, the students are automatically redirected to the University WiFi self-branded login page. You can easily customize the welcome page by setting the logo and background and the ways in which students can access the Internet.

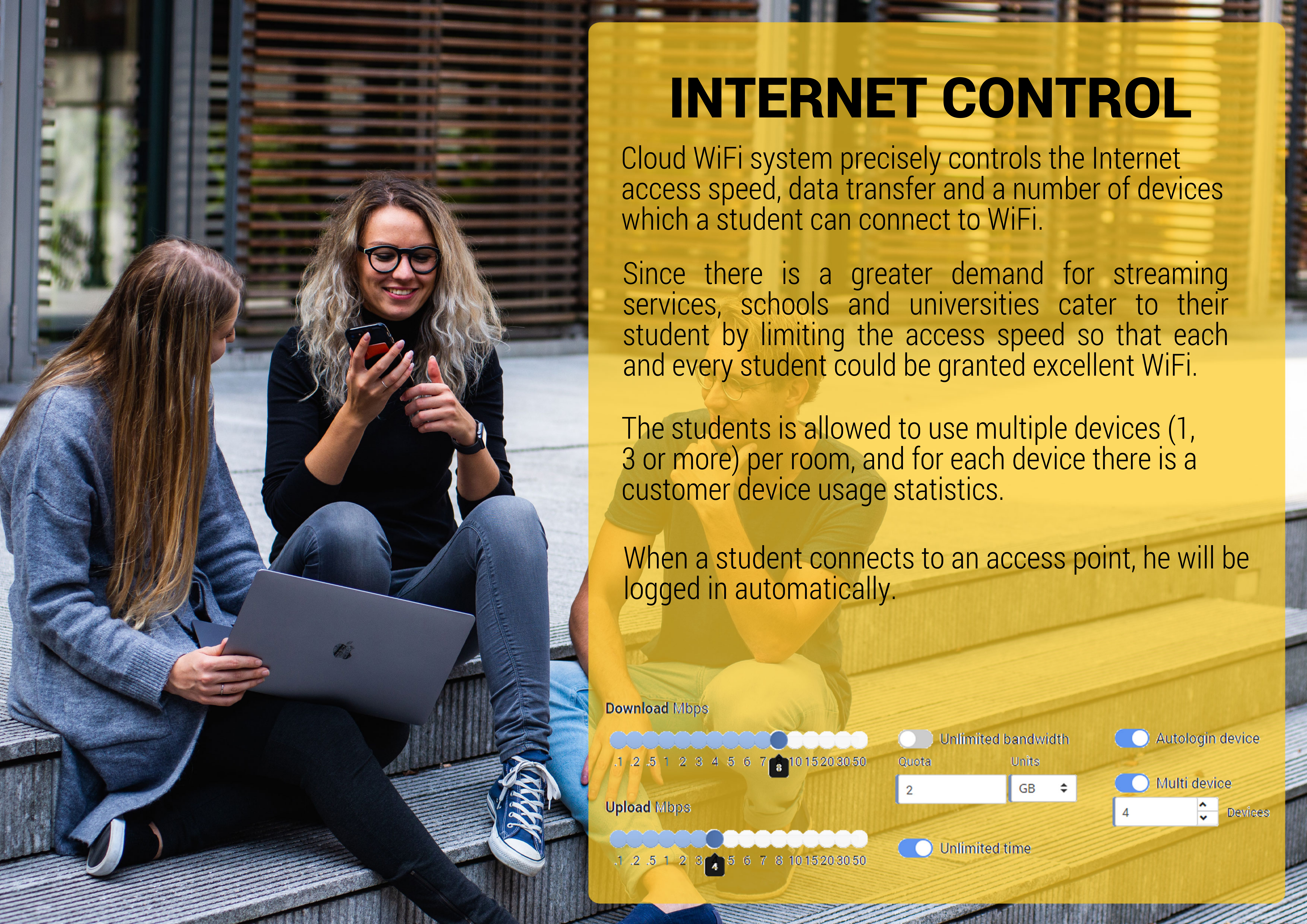
They may select the preferred connection method, like user/login, access-code login, free trial access or social login and start using WiFi. Once logged-in, they may be redirected to view University website or info page.

Each connected device is limited with download and upload speed, available bandwidth transfer, time to use your service, so you can ensure excellent WiFi experience for all your students.

Cloud WiFi software will control the session duration, speed and bandwidth, and optionally collect students e-mail, name, or address.







# INTERNET CONTROL

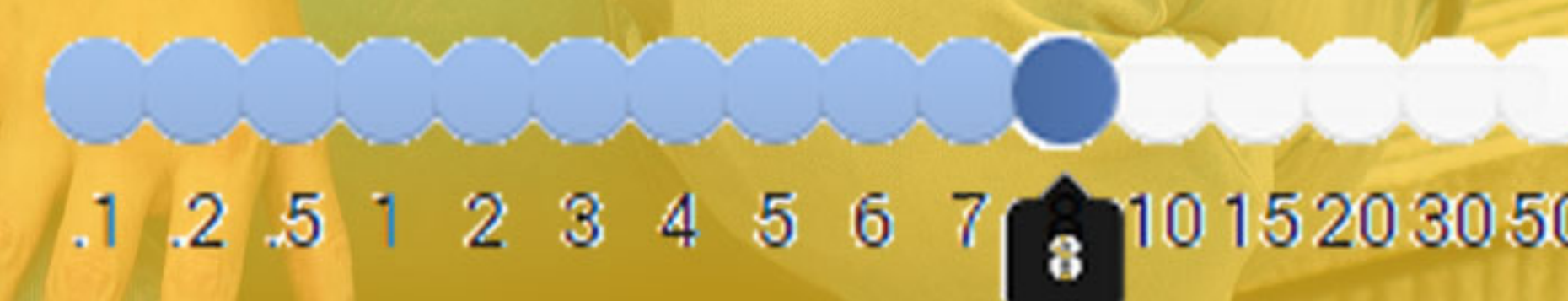
Cloud WiFi system precisely controls the Internet access speed, data transfer and a number of devices which a student can connect to WiFi.

Since there is a greater demand for streaming services, schools and universities cater to their student by limiting the access speed so that each and every student could be granted excellent WiFi.

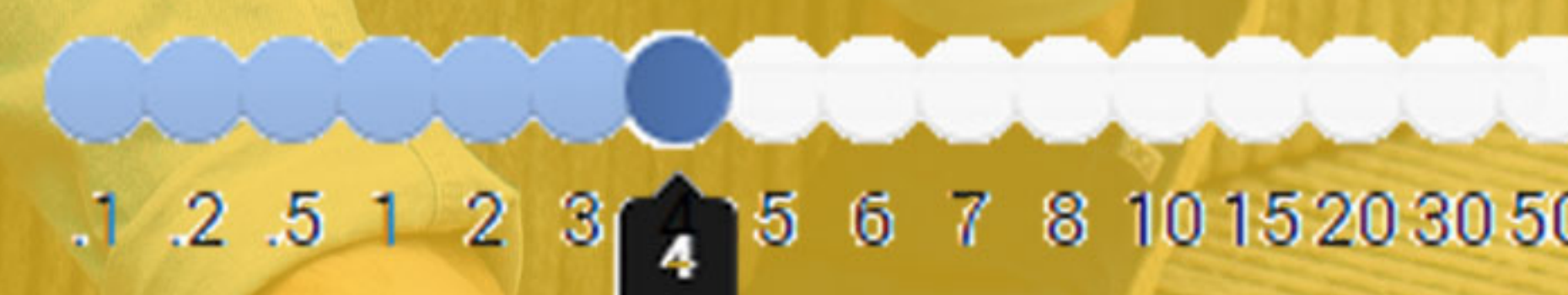
The students is allowed to use multiple devices (1, 3 or more) per room, and for each device there is a customer device usage statistics.

When a student connects to an access point, he will be logged in automatically.

Download Mbps



Upload Mbps



☐ Unlimited bandwidth

Quota

2

Units

GB

☒ Autologin device

☒ Multi device

4

Devices

☒ Unlimited time



# USER PROFILE

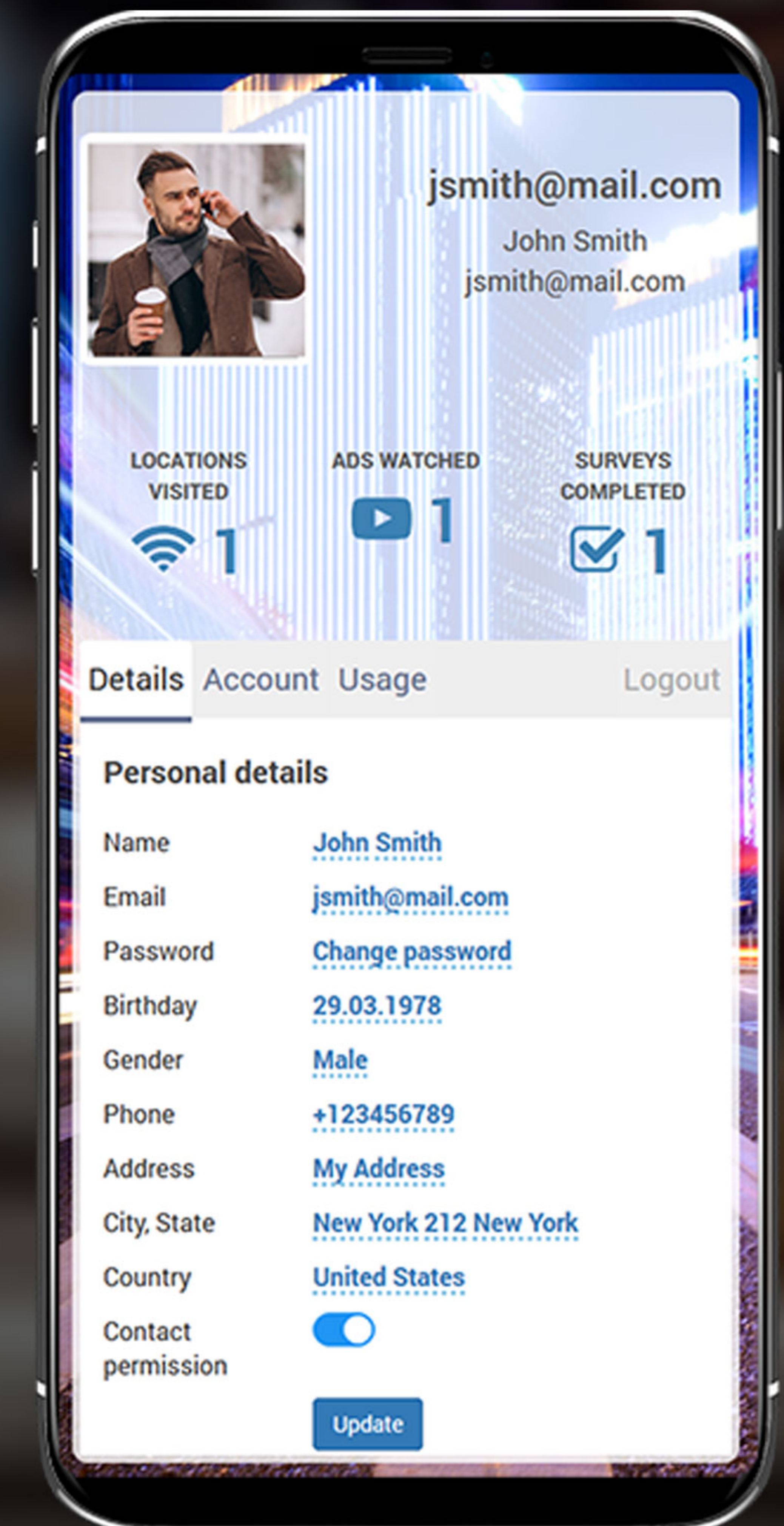
User Profile contain student personal information and it's a valuable addition to the rest of the user account options.

Cloud WiFi system goes beyond the usual personal data collection and provides an option to save student photo, gender, birthday, etc...

This is especially useful in the countries with anti-terrorism laws, where all users have to provide identification document.

Let end-users manage their own consent and personal data according to GDPR.

Opt-in/Opt-out for personalized message.





# VOUCHER LOGIN & COLLECT DATA

Create vouchers in advance with desired price plan limitations (time, bandwidth quota, download and upload rates), and distribute them in University campus.

Voucher login & collect data based access is a convenient way to get students details that can be used later for informational purposes .

Students will get a login and access to WiFi based on the voucher and they will need to fill requested details.

The image shows a 'Configure' window for setting up the 'UNIVERSITY WiFi' voucher login and data collection process. The 'Configure' window has a title bar with 'Configure' and a checkmark icon. Below the title bar, there is a section titled 'Select customer data to collect'. This section contains a list of fields with toggle switches and a 'Required' checkbox for each field. The fields are: First name, Last Name, E-mail, Gender, Birthday, Company, Address, City, Country, Phone, and Room. The 'Required' checkbox is checked for all fields except 'Company', 'Address', 'City', 'Country', and 'Phone'. Below the 'Configure' window, there is a 'Voucher login & data collect' window. This window has a dark background with a university logo at the top. Below the logo, there is a title 'Voucher login & data collect'. The window contains several input fields: 'Login code', 'First name', 'Last name', 'Email', 'Gender' (with 'Male' and 'Female' options), 'Birthday' (with 'Day', 'Month', and 'Year' dropdowns), and 'Room'. At the bottom of the window, there is a blue button labeled 'Connect'.

Field	Required
First name	Yes
Last Name	Yes
E-mail	Yes
Gender	Yes
Birthday	Yes
Company	No
Address	No
City	No
Country	No
Phone	No
Room	Yes



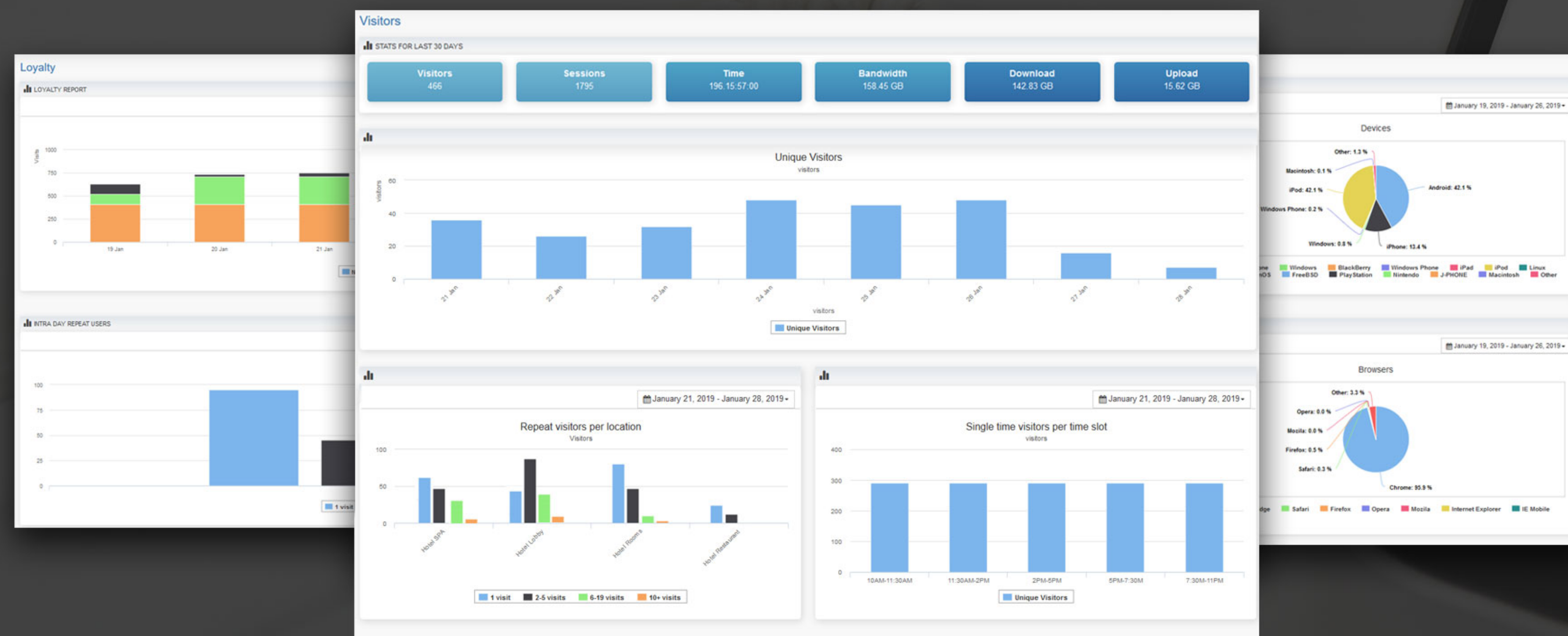
# ADVANCED ANALYTICS

Ranking from basic data to advanced analytics, Cloud WiFi system offers a thorough insight into students and visitors behaviour.

Get to know your students, find out what their habits are and prepare effective Email campaigns.

Track Internet usage, set the limits to Internet plans, or set specific limits to individual users.

Visitors statistics have been divided into multiple reports which include loyalty, top users, time intervals, sex, age, and other demographic data.





# CLOUD WiFi SYSTEM

Cloud WiFi is a system of great possibilities that connects various devices into an intelligent WiFi network.

The system works on fast Microsoft Azure servers with high availability.

It provides centralized device management, guest WiFi network control, access methods settings, guest accounts updates, extraordinary analytics and reports, easy network expansion.

System supports WiFi devices of the leading network brands: Aruba, Cisco, Ruckus, Ubiquiti, Tp-Link, Mikrotik, Cradlepoint, D-Link, Asus, Meraki, Icomera, Open-Mesh, etc.







**MS TELCOM**

**Rua do 1º Congresso do MPLA 8-16**

**Luanda - Angola**

**(+244) 226 621 000**

**[atendimentoaocliente@mstelcom.co.ao](mailto:atendimentoaocliente@mstelcom.co.ao)**

**[www.mstelcom.co.ao](http://www.mstelcom.co.ao)**