FWS DEVELOPED AN AUGMENTED REALITY APP TO HELP CUSTOMERS CHOOSE THE BEST LOOKING AIR CONDITIONER

The Client

The client is a London-based air-conditioner seller. They also provide their clients with other services such as the installation of the AC, repairs, and maintenance services.

The Requirement

The client was looking for a reliable and professional mobile app developer who could provide them with a mobile app within a quick time. They were looking for an app based on augmented reality which would help their customers to select the best-looking air conditioner for their home or office.

The Challenges

Our team of mobile app developers had to face certain challenges during the implementation of the mobile app development project. Some of the key challenges include -

+ Our team had to develop an AR-based mobile app which had to display the best-looking air conditioners based on the interior design of the room
+ The app comprised of 3D rendering and image compression which would make the app slow. The main challenge for our team was to reduce the long processing times of the app
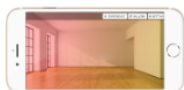
The Solution

Our team of highly experienced mobile app developers analyzed the client requirements and provided them with the following solution -

+ Our team developed the mobile app based on augmented reality that would allow the customer to perform the virtual AC fitting in their rooms
+ Our team of mobile app developers used the following technology stack to develop the mobile app -
  - SQL
  - Unity 3D
  - PHP
  - Facebook SDK
+ The app would allow the users to overlay the image of the AC within the rendered image of the room and select the best looking model
+ The app analyzes the room in terms of size, dimensions, objects, and displays the list of suitable air conditioners
+ Once the customer selects the AC the company will process the order and deliver the same within a quick time
+ Our team provided a highly customized solution so as to enable the app to work on different mobile phone models with different camera quality and resolutions
+ Our team developed the algorithm which would compress the images and rendering 3D models and help in speeding up the app

Project Screenshots

Q View

Q View

Q View

Q View

The Results

The client was extremely delighted by the quality and speed of the app. The app allowed the user to easily select the best-looking air conditioner for their room without even leaving their home or office. This app made the entire process of selecting, purchasing, and installing the AC very convenient and also helped the client to increase the sales.

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