

AR Business Card

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Abstract- Recent studies suggest that about average users have installed some applications related to camera and scanner. And for business class people it's common to exchange the business card and they need to store this data to contact or find them in email or other way around.

By adopting the concept of trending scanning and storing technologies we have implemented them here in our project for the use of text reorganization in it, Moreover we have added some facilities like adding them in text record with email and name of the contact user can added their notes and other data with it.

Keywords- Android, C#, Unity3D, PHP..

I. INTRODUCTION

We are proposed create such a system which system will work on augmented reality, in our System if you scan the business card and touch card information like mobile number, Email It effects on mobile screen for example if user Touch the mobile number on card it will Automatically display into mobile screen and Call that mobile number. There is this problem of noting down data such a contact number and email inside the phone and its very common for people to exchange their business card so we made the work easy by making this text and data storing automation with help of this application there can be more space for user to get work done

II. LITERATURE REVIEW

- A. We use Unity 3D Because Unity 3D is a commercially available multiplatform game engine used for the production of 2D and 3D video game as well as non-game interactive simulation and visualizations. Unity is one of the most popular game engine available due to its combination of power, flexibility and ease of use
- B. Vuforia SDK Supports Unity 3D and Very uses full when it comes with Unity and C# Scripting. It uses computer vision technology that recognize and Image Targets and simple 3D objects, such as boxes, in real time.
- C. The language that's used in Unity is called C#. A C# script must be attached to a Game Object in the scene in order to be called by Unity. Scripts are written in a special

language and they use Mono Behavior that Unity can understand. And, it's through this language that we can talk to the engine and give it our instructions.

- D. Firebase a next-generation app-development platform on Google Cloud Platform. Firebase frees developers to focus crafting fantastic user experiences. Firebase is server, there is API and to data store, all written so generically that it can modify all to suit most needs. It's is being used with the Google's Image reorganization which is key functionality of the application

III. STUDY FINDINGS

- A. Users will be able to register to the application with their personal details. Initially this will be via email and password but future changes could allow for Google log in functionality.
- B. Registered users will be able to sign in and post edit write change data for the stored business cards and manage them according to their needs
- C. Registered users will be able to sign in and application a list of user submitted data by them and they can use phone camera to access scan the card and store that data inside our application with notes.
- D. User will have rights to change the data of stored name email phone number and description of that card and they can use those data to dial call or send email there can be such a functionality will be in app.
- E. The application is made for the ease of the corporate related people which will provide them best experience and there will be a feedback section which will be helpful to them for submitting reviews about application and that will be helpful for us to improve the quality and of the application itself
- F. Registered users will be able to apply positive or negative ratings to programs hosted within the application. This will help ensure the quality of the applications content and programs listed will be displayed by most positive votes, to most negative votes.
- G. The smart phone is only requirement form the user side which has an internet connection and a camera which is required for the scanning of the card and that's all for the working of application.

- H. The minimum hardware requirement for development is Memory of 4 GB RAM or more, Monitor resolution of 1024*768 or highest access, Intel i3 processor, 10 GB (or more) available hard disk space. Android Device with latest version of android OS is required for application to run on the user side.

IV. FUTURE ENHANCEMENT

There can be use of more Artificial intelligence to improve the quality of the text reorganization and in future there can be use of the maps as well in the app and user can add the address of the business card and can use them inside the Google maps and get the direct location inside the application and that all for the further implementation.

V. CONCLUSION

AR Business Card is a perfect example of AR technology and this can be useful in real life application like this by scanning such a business card and use their data it is the work of OCR with unity Google and all the libraries it's using for the making of this application and all the knowledge gather during this project makes it the complete research and implemented work for software development project.

VI. ACKNOWLEDGMENT

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