



Augmented Reality (AR) in Online Shopping

Sadia Jahan Badhon
American International University-Bangladesh (AIUB)
Department: CSE

Overview

Augmented Reality based online shopping platform is a Next-Gen technology which will soon be used in different e-Commerce websites and physical fashion stores. We are using the idea of Augmentation for giving the people with tool using which they will be able to see the real-time simulation of different clothes with having to wear them physically. It's a Web-based application which can be accessed from anywhere in the world, all one need is a web browser and internet connection. It's a platform independent application so it can be run on any sort of OS and machine. Mobile Devices, Desktop Computers etc.

Justification

Nowadays, we experience the world where desktop-based interaction with technology gradually shifts towards mobile and wearable computing, happening anytime, anywhere. Our personal devices are being transformed into artificial, external eyes and ears for sensing embedded information in the surrounding environment. The advantages of both real and digital world can be blended into a single interface, which enables new applications and services to be developed. The process of bringing the real and virtual closer together results into the origin of augmented reality systems.

Goals

- Implementation of marker less 3D model Augmentation.
- Implementation of a web service to connect the e-commerce website with the AR platform.

Specification

- Web-based application
- Easy to Install
- Machine Learning Compatible
- Platform Independent
- Uses built-in camera of the device

Project Duration

11 weeks

Project Start Date

1 February, 2021

Milestones/phases with cost

Phases	Description	Duration	Cost
Phase 1	In this phase, the search module will be completed. Clients will be able to only search for available dress, shoes from a single search page.	5 weeks	20,000
Phase 2	In this phase, booking will be added. Clients will be able to search and book any dress, shoes. They will be able to pay through Bikash or credit cards.	6 weeks	40,000

	Total	11 weeks	60,000
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Payment Plan

1. An advance payment of BDT 10,000 will be required to start the project
2. The rest of the money must be paid based on phases. Complete payment due for each phase must be paid within 10 days of the completion of the phase.

Other Terms & Conditions

1. The Advance payment becomes non-refundable after two weeks of the project initiation.
2. After the final delivery of the product (completion of all phases), the client will have a window of one (1) month to report any issues that may have been caused by the application programming. These issues will be fixed for free.
3. After the end of one month of free support period after final product delivery, any and all works requested by client will incur charges on the client based on negotiated pricing.

Agreement

On behalf of the product/service provider Sadia Jahan Badhon	On behalf of the client seeking product/service Sadia Jahan Badhon
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