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**MODERN TOPICS IN INFORMATION TECHNOLOGY**

**Augmented Reality Assignment Report**

Assignment 03

**B.Sc. (Hons) Degree in Information Technology Specializing in Information Technology**

Department of Information Technology

Sri Lanka Institute of Information Technology Sri Lanka

**April 2020**

# **DECLERATION**

We declare that this is our own work and this proposal does not incorporate without acknowledgement any material previously submitted for a degree or diploma in any

other university or Institute of higher learning and to the best of our knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgement is made in the text.

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| --- | --- |
| **Name** | **Student ID** |
| IT17158350 | White J.B |
| IT17096812 | Sathsarani A.R |
| IT17103114 | Tissera W.S |
| IT17159968 | Jayasena D.T |

The above candidates are carrying out research for the undergraduate Dissertation under my supervision.

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Signature of the supervisor Date

1. **Description of each member’s contribution to the application**

|  |  |  |
| --- | --- | --- |
| **Student Id** | **Name** | **Task** |
| IT17158350 | White J.B | * Making the individual project of AR (Scout Movement) * Merge all the individual projects together. |
| IT17096812 | Sathsarani A.R. | * Making the individual project of AR ( Bust of Antoninus Pious) * Create the report |
| IT17103114 | Tissera W.S | * Making the individual project of AR (Buddhist Monk) |
| IT17159968 | Jayasena D.T | * Making the individual project of AR (Indian Cavalry Soldiers) |

1. **Screen shots of individual and Group application**

**A flat screen television on display

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***Figure 1: Output of Individual application White J.B***

A screen shot of a computer

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***Figure 2: Output of Individual application Sathsarani A.R.***

*A flat screen television

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***Figure 3: Output of Individual application Jayasena D.T.***

A screen shot of a computer

Description automatically generated

***Figure 4: Output of Individual application Tissera W.S.***

***A screenshot of a computer screen

Description automatically generated***

***Figure 5: Output of Group Application***

1. **Real-life problems where you can apply AR technology to solve:**

Most people perceive AR in gaming and entertainment terms (blame Pokémon Go and AR’s flashy cousin, VR). However, major AR developers are now betting on productivity and problem solving, rather than just entertainment.

Ex:

1. **Event planning**

* AR Cube [AR Cube is a mini-information portal. It is basically an interactive cube that serves as single go-to storage for all the key event information.]

1. **E-commerce**

* **A picture containing photo, different, displayed, food

  Description automatically generated**Virtual Try-on of Watches [AR-Watches is an app developed for both Android and iOS, which allows users to try on watches from different brands virtually.]
* AR Menu [A Virtual Preview of Food Orders]

1. **Political Campaigns**
2. **Education**

* Interactive Books
* Distance Learning

1. **Interior Design**

**A picture containing person, indoor, holding, man

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**A picture containing table, sitting, remote, man

Description automatically generated**

**Screen of a cell phone

Description automatically generated**A close up of food

Description automatically generated**A picture containing person, indoor, holding, table

Description automatically generated**