## **Prototype Submission Report**



for

## **Augmented Reality in Education**

Version <1.2>

Section -A, Group-2

Serial	Name	Student ID	Email
01	Pratyusha Kundu	201814014	pkdroide@gmail.com
02	Anika Zaman	201814018	anikazaman5470@gmail.com
03	Zannatul Ferdous	201814024	zannatul207@gmail.com
04	Rabeya Akhter	201814025	rabeyani2@gmail.com
05	Shobnom Mustary	201814028	shobnomshuvra28@gmail.com
06	Anika Tahsin	201814038	anika.t09@gmail.com

Submitted To: Lt Col Nazrul Islam, PhD, Sigs

**AP Nuzhat Tabassum** 

Lec Muhaimin Bin Munir

Lec Nafiz Imtiaz Khan

Lec Md. Mushfiqur Rahman

Course Title: Information System Design and

**Development Sessional** 

Course Code: 402

Date of Submission: 05-06-2021

### **User Interface Screenshot:**

**Landing page** 



Sign Up Page

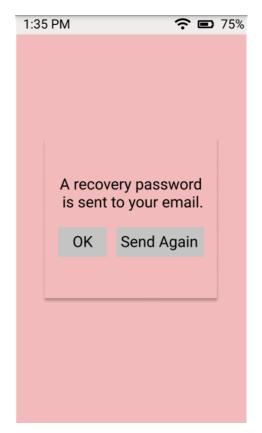


Sign In Page

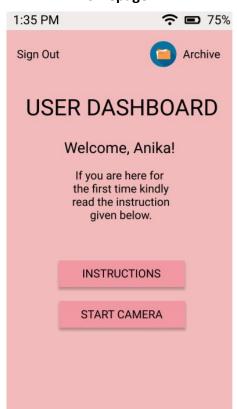
1:35 PM	<b>? ■</b> 75%			
Sign In				
Email				
Password				
	Forgot Password?			
Sig	Sign In			
	or <del> </del>			
G Google	<b>f</b> Facebook			
Don't have an account? Sign up				

### **Forgot Password Navigation**





#### Homepage



#### **Instructions Page**



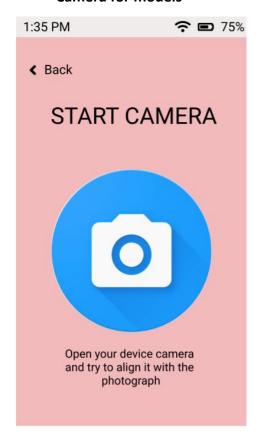
#### **Start camera options**



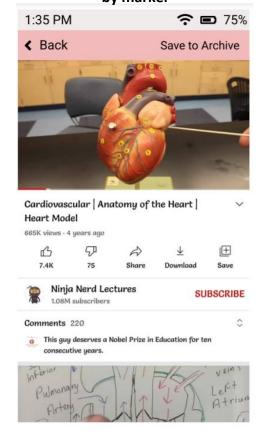
## 3D Model View Page with markers



#### Camera for models



Related YouTube page clicked by marker



# Camera for important topics

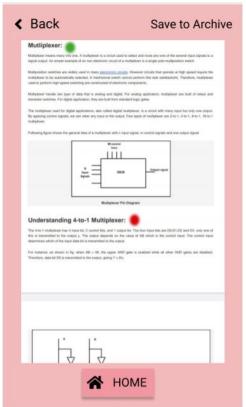


# Related YouTube page clicked by marker

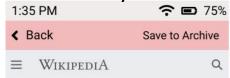




#### View through smartphone



### Related Wikipedia page clicked by marker



### Multiplexer



In electronics, a **multiplexer** (or **mux**; spelled sometimes as **multiplexor**), also known as a **data selector**, is a device that selects between several analog or digital input signals and forwards the selected input to a single output line.  $^{[1]}$  The selection is directed by a separate set of digital inputs known as select lines. A multiplexer of  $2^n$  inputs has n select lines, which are used to select which input line to send to the output.  $^{[2]}$ 

$$\frac{1_0}{1_1} \qquad \text{out} \qquad = \frac{1_0}{1_1}$$
sel sel

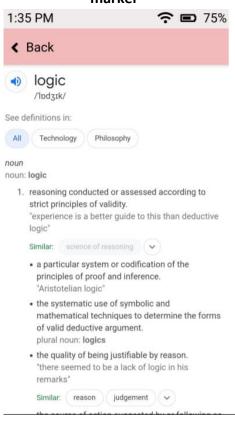
# Saving navigation clicked by Save in Archive



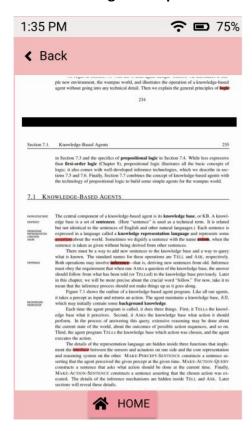
## Camera for selecting word



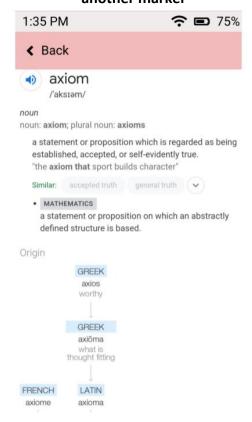
## Word meaning clicked by marker



#### View through smartphone



## Word meaning clicked by another marker



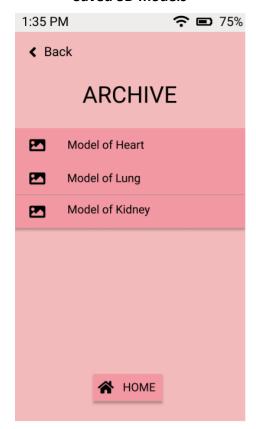
#### **Archive Storage**



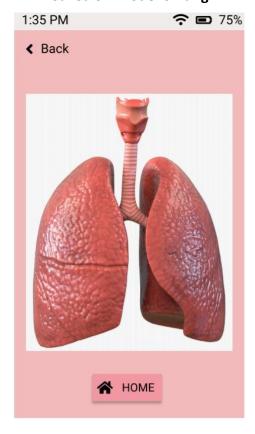
#### Saved 3D model of hear



#### Saved 3D models



### Saved 3D model of lung



#### Saved 3D model of heart



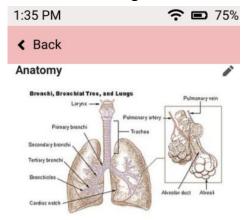
## Saved YouTube link of heart



#### Saved related links

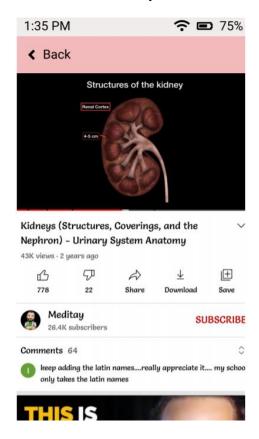


# Saved Wikipedia link of lung

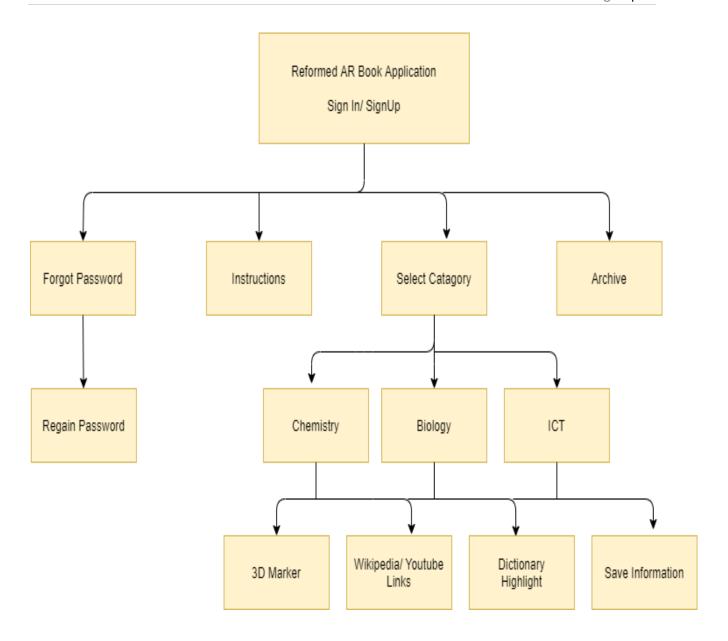


The lungs are located in the chest on either side of the heart in the rib cage. They are conical in shape with a narrow rounded apex at the top, and a broad concave base that rests on the convex surface of the diaphragm. [1] The apex of the lung extends into the root of the neck, reaching shortly above the level of the sternal end of the first rib. The lungs stretch from close to the backbone in the rib cage to the front of the chest and downwards from the lower part of the trachea to the diaphragm. [1] The left lung shares space with the heart, and has an indentation in its border called the cardiac notch

# Saved YouTube link of kidney

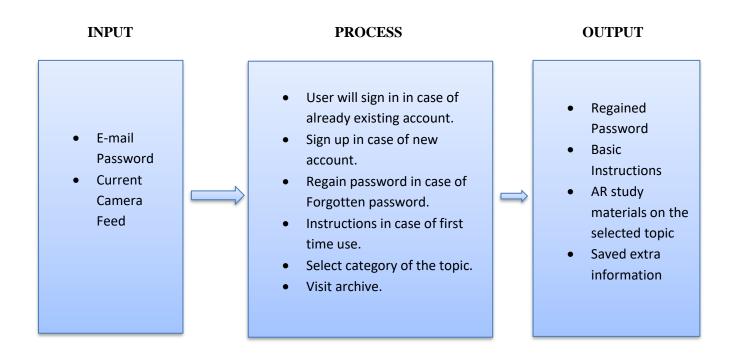


The UI of ARed application can be viewed from this link:

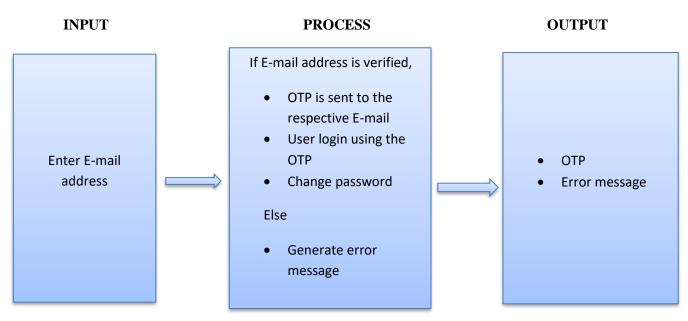


**HIPO Chart of Reformed AR Book Application** 

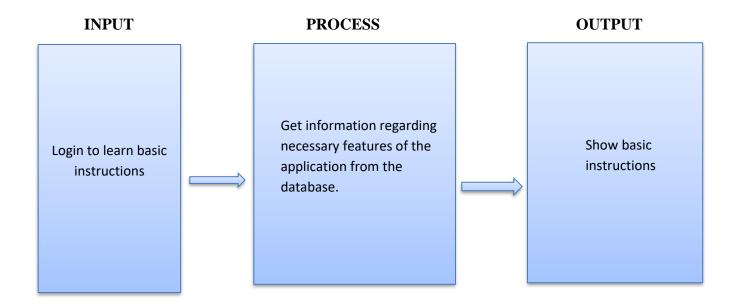
### Reformed AR Book Sign In/Sign Up



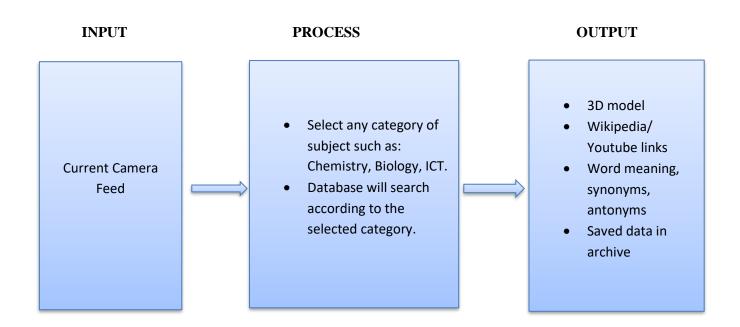
### **Regain Password**



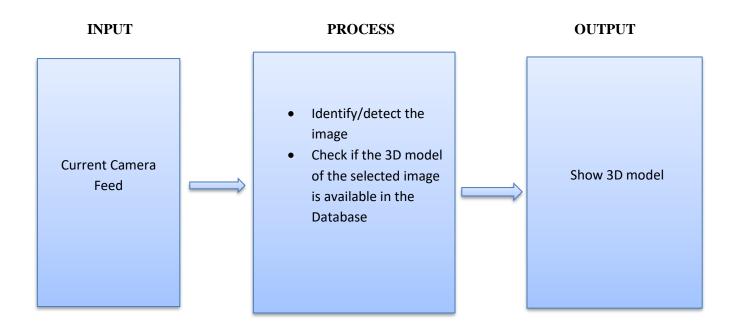
### **Instructions**



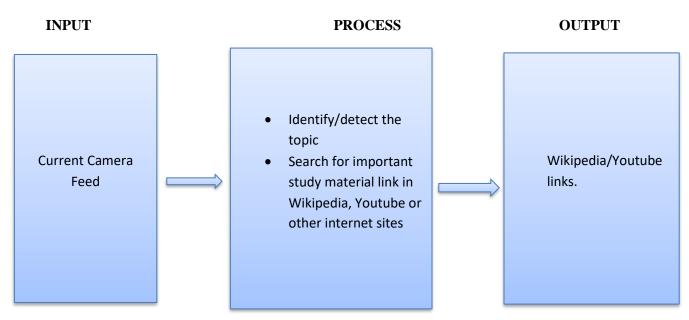
## Catagories



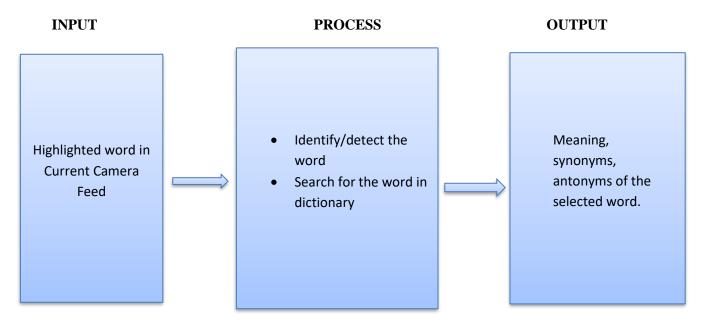
### **3D Marker**



### Wikipedia/ YouTube Links

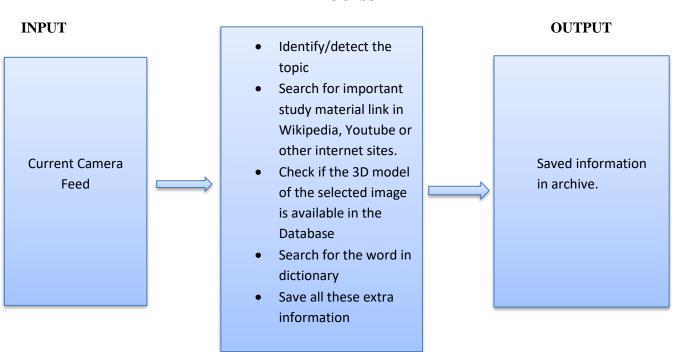


### **Dictionary Highlight**



### **Save Information**

#### **PROCESS**



## Archive

