FCIT				
Group ID	**Group Members**	**University Roll#**	**Supervisor Name**	**Project Title**
4	Ayeza Ch Iqbal Hassan Amina Arshad	19101001-020 19101001-021 19101001-025	Ma'am Mehak Tanweer	AR Based Indoor University Mapping and User Satisfaction Evolution.

Summary	This project is about to advice directions to the destination in the users mobile screen. This is an Android based application to locate a directions through navigation by using Augmented reality (AR) to their required floor, room, offices our any other place that is placed in the university. Google AR Core takes live feed from the user's camera and does simultaneous locating and mapping to update the user's location. Shortest path to the chosen destination is found using algorithm and the directions to the destination are shown in the user's mobile screen to showing modal using Augmented Reality .The visitor can easily find the location based on their needs. Visitors faces difficulties during visit to university for the first time admissions our other purposes this app will guide them properly through navigation about their work place. This will resolve the affair of wandering here and there without any knowledge about their landing place. That will also overcome the matter of freshers for finding their lectures room number. In order to resolve the issue is being developed for the visitors to visit university departments easily and save time. We aim at developing the front end in the simplest way possible so that the users can easily reach their destination by just opening the camera where the directions are shown as 2D and 3D model of the building made in blender. And user satisfaction at departmental level.

Methodology: Must mention technology, tools and techniqeus used	**By Supervisor/Student**		Suggestion 1	Suggessions 2	Suggessions 3	Suggessions 4
	Input System (Datasource, IoTs, etc)	user Required Destination				
	Processing machine	Android	-	-		
	Algorithm (Tools, Models, Solvers)	Purposed Solution				
	Output (Visualization, Control, Monitring, etc)	3D Model, 2D Map				

Diliveralble Outcomes	**By Supervisor/Student**	Suggestion 1	Suggessions 2	Suggessions 3	Suggessions 4
	User will be able to fill the login form after that They will be able to see the 3D Model of University and 2D Map then they have to submit the Departmental level evoluation Form.Admin will have access to check the feedback and able to Watch 3D Model and sending the Request for model changing.Developer is checking the Request and Responding to the Request.				

Goals Preferable (SDGs)	Visitors, fresher faces difficulties during visit to university for admissions our other purposes this app will guide them properly through navigation about				
	That will also overcome the issue of freshers for finding their lectures room number. In order to resolve the issue is being developed for the visitors to				

Expected Results	It will able to see the 3D Model , 2D Map				
	Navigation				
	It will check the feedback				
	It will ensure correct Destination				

Targets and Achivements	Visitors, faces difficulties during visit to university for admissions our other purposes this app will guide them properly through navigation about their work place.
	Developer check the Requirement of admin to update the Model and Mao.
	User satisfaction departmental vise (Rating APP)
	Notify updates about the changes in university model.

Innovation	The challenges of some shopping mall to detect the thing using screen to display using carts. visitors have to face a problem he/she cannot find the specific place in the university because he/she is visiting the university for the first time and he/she have no idea about the departments ,offices, lecture rooms etc. this app will solve this problem and save time of visitor about wandering here and there in the search of their place .Visitor just have to simply open the map app insert their destination and arrow heads will navigate about their destination.

Evaluation Status	Accepted (Please provide reseason)	
	Accepted with Minor Revision (Please provide reseason)	
	Accepted with Major Revsion (Please provide reseason)	
	Rejected (Please provide reseason)	

Evaluator 1 Name: _____   Signature: _____

Evaluator 2 Name: _____   Signature: _____

Evaluator 3 Name: _____   Signature: _____

Evaluator 3 Name: _____   Signature: _____

Head of Deaprtment : _____   Dean FCIT: _____