Capstone Project 2019-20   *BSCS 7th Self Sport*

Virtual Cook

PROJECT IMPLEMENTATION PLAN

Sr.	Milestone Detail	Outcome	Project %	Roll #	Member's Contribution	Learning Outcome	Viva
1	**Android Phase:** User Interface Design (Splash, Login & Signup)	Signup and login page will be implemented on our mobile device.	5%	BSCSF16E021	*Sign Up* (Front-end Design)	Java Script + XML use on **Android Studio**	
				BSCF16E048	*Log In* (Front-end Design)	Java Script + XML use on **Android Studio**	
				16UGLC403	*Splash* (Front-end Design)	Java Script + XML use on **Android Studio**	
2	**Android Phase**: User Interface Backend (Splash, Login & Signup) **IOT Phase:** Detection by Sensor (Development Study Phase)	User will able to register him/herself on app	10%	BSCSF16E021	*Sign Up* (Firebase Authentication)	Performing authentication through **Firebase**	
				16UGLC403	*Log In* (Firebase Authentication)	Performing authentication through Firebase	
				BSCF16E048	*Arduino* (Detection by Study)	C++ use on **Arduino** + Getting knowledge about detection through sensors	
3	**Andriod Phase:** User Interface Design Home Page (All recipes info)	All recipes will be visible to the user +	10%	BSCSF16E021	*Home Page* (Front-end Design	Java Script + XML use on **Android Studio**	
				16UGLC403	Information Gathering of Recipes	Recipes details including ingredients, nutrition, preparation scenario, along with their ready in time	

Team
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	IOT Phase: Detection by Sensor (Implementation Phase)	Gadget will able to turn the way whenever a hindrance will detect by sensor.		BSCF16E048	*Arduino* (Implementation of detection by Sensors)	Use of C++ on Arduino + Hindrance will be detected by sensor
4	**Andriod Phase:** User Interface Backend Home Page (All recipes) **IOT Phase:** Applicability of Camera	Chef can upload the dish (All recipes will be added in the Firebase database) + Camera will detect the location	13%	BSCSF16E021	*Insertion of dishes in* **Firebase Database**	Chef can insert the dishes. Dished would be stored in Firebase Database
				16UGLC403	*Visibility of dishes* on Home page from **Firebase Database**	Dishes will be visible on the Home Page to the coming user which would be inserted by the chef
				BSCF16E048	*Arduino* (Camera's applicability)	Camera will look after the gadget from the coming hindrance on the way.
5	**Android Phase:** User Interface Design All Recipes	All dishes' recipes (ingredients, Preparation, similar recipes, ready-in-time feature) are visible to the user	5%	BSCSF16E021		
				16UGLC403		
				BSCF16E048		
6	**Android Phase:** User Interface Backend All Recipes	User can insert dishes' recipes along with ingredients, Preparation, similar recipes, ready-in-time features	15%	BSCSF16E021		
				16UGLC403		
				BSCF16E048		
7	**Android Phase:** User Interface Design (Virtual Spinner)	A spinner would be shown who ask Dish type, Ingredients and time in	5%	BSCSF16E021		
				16UGLC403		
				BSCF16E048		

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		which u want to prepare that specific dish.				
8.	**Android Phase:** User Interface Backend (Virtual Spinner)	Each Dish type, Ingredients and dish-ready-in-time would be stored in **Firebase Database**	10%	BSCSF16E021		
				16UGLC403		
				BSCF16E048		
9	**Android Phase:** User Interface Design (Favorite recipes + Shopping list)	**Favorite Box** would be + **Shopping List** would be visible to the user	10%	BSCSF16E021		
				16UGLC403		
				BSCF16E048		
10	**Android Phase:** User Interface Backend (Favorite recipes + Shopping list)	Users can add their favorite dishes in **Favorite Box** for later use	10%	BSCSF16E021		
				16UGLC403		
				BSCF16E048		
11	**Android Phase:** User Interface Design (Other Settings)	Setting Page will be provided to the user	5%	BSCSF16E021		
				16UGLC403		
				BSCF16E048		
12	**Android Phase:** User Interface Backend (Other Settings)	Users can set app according to their will.	9%	BSCSF16E021		
				16UGLC403		
				BSCF16E048		
13	**Android Phase:** User Interface Design Messenger (Establish Contact Functionality)	A messenger would be provided on app	5%	BSCSF16E021		
				16UGLC403		
				BSCF16E048		

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14	**Android Phase:** User Interface Backend Messenger	Guest(buyer) can contact to Chef(seller) via Messenger		BSCSF16E021			
				16UGLC403			
			8%	BSCF16E048			
15	**Android Phase:** User Interface Design Payment Functionality	Payment Functionality feature will be provided on app		BSCSF16E021			
				16UGLC403			
			5%	BSCF16E048			
16	**Android Phase:** User Interface Backend Payment Functionality	Guest will able to buy some dish from the Chef(seller) and also will pay for it.		BSCSF16E021			
				16UGLC403			
			15%	BSCF16E048			

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