Capstone Project 2019-20   *BSCS 7ᵗʰ Regular*

Biometric Attendance System

PROJECT IMPLEMENTATION PLAN

Sr.	Milestone Detail	Outcome	Project %	Roll #	Member's Contribution	Learning Outcome	Viva
1	Design Phase: User interface design: Adding up admin and staff sign up. Backend: Setting up database and connecting design with DB for binding signup form with DB.	Admin and staff can sign up and data is inserted in DB.	10%	BSCSF16M011	Back End	Connecting VS with Management studio ,code of insertion	
				BSCSF16M015	Front End	Design(Web server controls)	
				BSCSF16M001 ---	Database	Database implementation	
2	Design Phase: User interface design: Adding up Student sign up. Backend: Setting up database and connecting design with DB for binding signup form with DB.	Student can sign up and data is inserted in DB.	5%	BSCSF16M011	Back End	Connecting VS with Management studio ,code of insertion	
				BSCSF16M015	Front End	Design(Web server controls)	
				BSCSF16M001 ---	Database	Database implementation	
3	User interface	Login is implemented.	5%	BSCSF16M011	Back End	Getting data from store procedures	

Team
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	Login Forms for all (admin, staff, and student).			BSCSF16M015	Front End	Design(Web server controls)	
				BSCSF16M001---	Database	Making store procedures	
4	Admin panel User interface Backend: Db is connected to admin panel for adding dept. and lecturers	Admin is able to add And manage lecturers and Departments.	10%	BSCSF16M011	Back End	Security threats	
				BSCSF16M015	Front End	Bootstrap + web server controls + master Page	
				BSCSF16M001	Database	Table and store procedures and dependencies	
5	Roles Management	Managing roles ,making super admin who has authority on all	5%	BSCSF16M011	Back End	Managing roles ,making sure of security and all backend	
				BSCSF16M015	Front End		
				BSCSF16M001	Database	Foreign keys and primary keys of all relating tables	
6	Time Table Management	Setting up a template of time table so that in the start of semester admin can assign classes to relevant teachers .	5%	BSCSF16M011	Back End	Adjusting timetable in backend	
				BSCSF16M015	Front End	Setting a time table template	
				BSCSF16M001	Database	Tables and store procedures for time table	
7	Teacher Roles	Teacher can only have access to those classes which are assigned to him/her by admin	5%	BSCSF16M011	Back End	Roles management	
				BSCSF16M015	Front End		
				BSCSF16M001		Dependencies	

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					Database		
8.	Hardware: Setting up finger print device	Finger Print device is connected with application.			BSCSF16M011	*Back End*	Connecting device with application
					BSCSF16M015		
			10%		BSCSF16M001		
9	Hardware With Application: Students and staff's finger prints are stored in Database	Storing individual fingerprints with their records			BSCSF16M011	Back End	Storing and managing records class wise
					BSCSF16M015	Front End	
			10%		BSCSF16M001	Database	Saving individual records with fingerprints in DB
10	Student Ease + Apply Leave	An interface in designed where student can see their attendance percentage also can apply for leave			BSCSF16M011	Back End	Backend for interface
					BSCSF16M015	Front End	Front end + leave form
			5%		BSCSF16M001	Database	DB
11	Admin authorities	Admin has authority to add/delete/edit any record with just a click	10%		BSCSF16M011	Back End	Setting up admin authorizes
					BSCSF16M015	Front End	Tables with edit/delete options so that admin can edit/delete any record
					BSCSF16M001	Database	Handling and passing data to grid views where admin can see and modify
12	Security	Checking the security and modifying things so that no one can have access to all data except super admin			BSCSF16M011	Back End	Checking security related with controller or backend
			10%		BSCSF16M015	Front End	
					BSCSF16M001	Database	Checking and modifying things in DB for security
13	Deploying Application	Deploying application so that student and teacher can access the portion of website on internet	10%		BSCSF16M011	*Back End*	Deploying Application
					BSCSF16M015		
					BSCSF16M001		

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