IoT based Wireless Smart Board (Batch-05)				Project Guide: Arun K H
Detail Gantt Chart of Phase-2 Project				
Task	Phase-1 to 13/03/19	13/03/19 to 1/04/19	2/04/19 to 22/04/19	23/04/19 to 3/05/19
Selection	Selecting the domain and title			
Survey	Referencing previous papers			
Planning	Deciding the modules of the Project			
Existing	Studying about the drawbacks of the existing System			
Python	Studying the required python Libraries			
Software	Studing about Dataplicity and putty			
HLD	Designing the System Diagram			
No work	EXAMS			
Hardware	Buying hardware like RaspberryPi, Router & other peripherals			
Raspbian	The installation of the OS and the operation of the Raspbian.			
Assembly	Learning of the methods of assembly through video tutorials			
LLD	Designing Use-Case Diagram and Activity Diagram			
Implementation				
Module-1		1. Create a bootable SD card installed with raspbian OS. 2. Implementation of code to register device and Raspberry Pi on to the online portal Dataplicity. 3. Unit testing to check for correct installation of Raspbian OS and to check if the device is recognised by the Dataplicity.		
Module-2			1. Configure and test Raspberry Pi using Python script to get the IP address of the Pi. 2. Implementation of code and testing the script to get the current Date and Time. 3. Integrate the python script written for acquiring the IP address and current date and time to conduct integration testing for Pi is reachable to the device. 4. Configure the LCD screen on to the Pi to activate the port. 5. Integrate the code for LCD and PI to conduct integration testing for the correct functioning.	
Module-3				1. Integrate the device registered on dataplicity, Pi and Screen through Internet and required hardwares to conduct system testing.
Report				1. Detailed Report. 2. Publish paper on any standard organization.
Progress of completion of the Project in %	**25%**	**50%**	**80%**	**100%**