

Development of a Secure Home Automation System

9 Aug, 2020

Coventry University

Project manager

Noel Padgaonkar

Project dates

18 May, 2020 - 11 Aug, 2020

Completion

100%

Tasks

23

Resources

1

Tasks

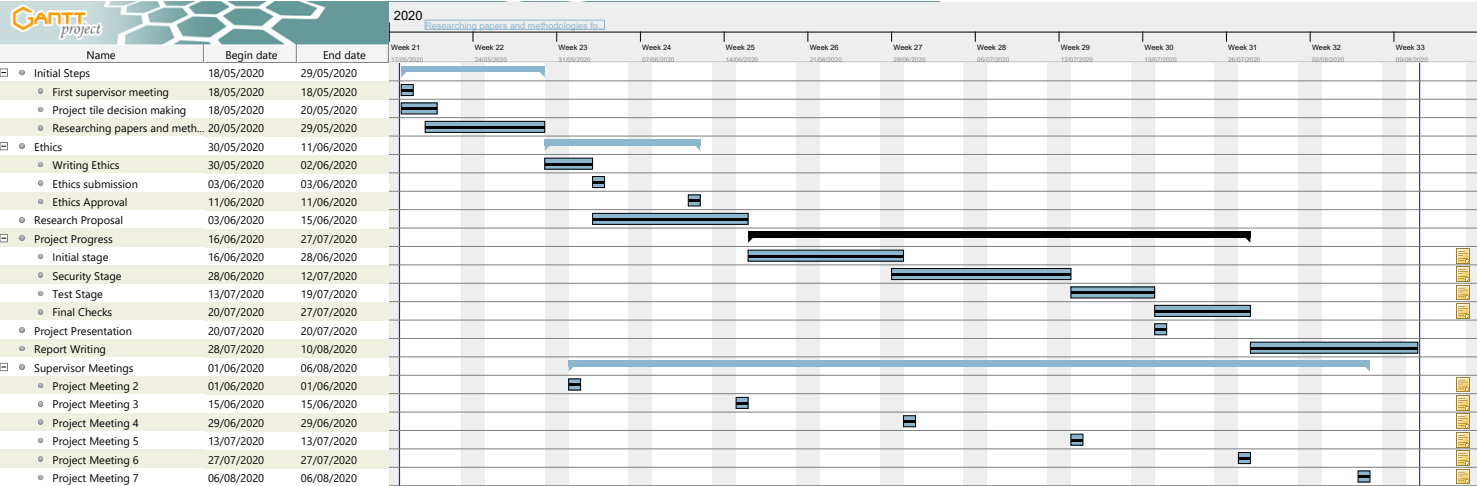
Name	Begin date	End date
Initial Steps	18/05/2020	29/05/2020
First supervisor meeting	18/05/2020	18/05/2020
Project tile decision making	18/05/2020	20/05/2020
Researching papers and methodologies for project	20/05/2020	29/05/2020
Ethics	30/05/2020	11/06/2020
Writing Ethics	30/05/2020	02/06/2020
Ethics submission	03/06/2020	03/06/2020
Ethics Approval	11/06/2020	11/06/2020
Research Proposal	03/06/2020	15/06/2020
Project Progress	16/06/2020	27/07/2020
Initial stage	16/06/2020	28/06/2020
<i>Initial development of home automation system, consisting of sensors, servers, database and dashboard.</i>		
Security Stage	28/06/2020	12/07/2020
<i>Adding the username and password authentication to the system. Along with username and password authentication, SSL/TLS authentication added. Testing carried out to check for any unauthorized activity.</i>		
Test Stage	13/07/2020	19/07/2020
<i>Test the system and get it running before the presentation.</i>		
Final Checks	20/07/2020	27/07/2020
<i>Carry out final checks and finalise system before writing report</i>		
Project Presentation	20/07/2020	20/07/2020
Report Writing	28/07/2020	10/08/2020
Supervisor Meetings	01/06/2020	06/08/2020
Project Meeting 2	01/06/2020	01/06/2020
<i>Discussing the topic for the dissertation along with a few methodologies to implement the project</i>		
Project Meeting 3	15/06/2020	15/06/2020
<i>Discussing the project progress along with the research proposal checks</i>		
Project Meeting 4	29/06/2020	29/06/2020
<i>Discussion regarding security mechanisms for the project</i>		
Project Meeting 5	13/07/2020	13/07/2020
<i>Discussion regarding the different cybersecurity attacks and update on the progress of the project.</i>		
Project Meeting 6	27/07/2020	27/07/2020
<i>Feedback regarding Project Presentation, and progress of the system developed.</i>		
Project Meeting 7	06/08/2020	06/08/2020
<i>Final project meeting before finalising the report which is included resolving doubts related to the report.</i>		

Resources

Name	Default role
Noel Padgaonkar	project manager

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Gantt Chart



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Resources Chart

