

EngineeringExtendedProject

Nov 17, 2015

<http://>

Project manager

Project dates

Nov 3, 2015 - Apr 23, 2016

Completion

3%

Tasks

35

Resources

0

Tasks

Name	Begin date	End date
RESEARCH	11/3/15	12/4/15
Reseach the problem	11/3/15	11/11/15
Research the target market	11/5/15	11/11/15
Research and evaluate the current solutions on the market	11/9/15	11/13/15
Reseach the history and types of encryption	11/9/15	11/17/15
Research modern encryption methods and standard	11/18/15	12/1/15
Reseach Biometric security - types and flaws	11/23/15	11/27/15
Research material sciences of stresses (and material stresses)	11/20/15	11/26/15
Research (using case studies) current hacking techniques	12/2/15	12/4/15
Research possible control systems choices	11/16/15	11/30/15
PRODUCE PRELIMINARY RESEARCH REPORT	12/4/15	12/4/15
INITIAL DESIGN	11/27/15	12/18/15
Choice of encryption method	12/7/15	12/11/15
Choice of Control System	12/1/15	12/8/15
Choice of Biometric System	11/30/15	12/4/15
Initial Designs of Mechanics of Product	11/27/15	12/11/15
Initial Designs of Electronics of product	12/9/15	12/18/15
DEVELOPMENT	12/14/15	2/12/16
Design code for encryption, including how it will work with the rest of the system	12/21/15	1/15/16
Conduct stress analysis on existing models and refine ideas	12/14/15	1/15/16
Conduct testing on electronics, using simulation tools and testing	12/21/15	1/8/16
Produce a working prototype of possible Software and Electronics of product	1/18/16	2/12/16
DEFINE AND JUSTIFY	1/18/16	3/4/16
Completed code for the product, including encryption and code to control the electronics	2/15/16	3/4/16
Completed electrical design for the product	2/15/16	2/19/16
Completed mechanical design	1/18/16	2/19/16

Tasks

Name	Begin date	End date
WRITING	2/8/16	4/22/16
Project Report	2/8/16	3/24/16
Presentation	3/24/16	4/22/16
MILESTONES	12/4/15	3/23/16
Preliminary Project Report Due	12/4/15	12/4/15
End of Autumn Term	12/17/15	12/17/15
Start of Spring Term	1/7/16	1/7/16
Spring Half-Term	2/15/16	2/15/16
Project Report Due	3/24/16	3/24/16

Gantt Chart



