

EG-252: Group Design Exercise

Team Building Exercise

Skill/Task Matrix

This is a rough draft of what I remember from the skills identification and team building exercise that took place at the start of the GDE. Actual teams will be announced at the start of the class on 9th October and I will be showing you how to create Microsoft Team sites which you can use for team communications, document collaboration, planning and meetings. This is a guide and you are encouraged to discuss it within your own team and modify it as necessary to identify particular strengths and weaknesses in your team. Once you have agreed on your list of roles and the skills needed, you need to identify which team member will be responsible for each

A version of this skills matrix will be required as part of the initial deliverables on the project.

Role	Skill	Needed for (system or activity)	Who?
Manager	Management	Project	Edward/Gayathra
Project Planner	Planning	Project	Gayathra/Edward
Researcher	Organisation, record keeping	Project/Subsystems	Gang Chen/Hussian
Electronic Hardware		Sensors, Drives Microprocessor system	
	Designer		Gang Chen/Edward
	Technician		Hussain/Gayathra
	Tester		Gayathra/Gang Chen
Software		Sensor inputs, Motor control, Mouse operation	
	Designer		Gayathra/Edward
	Coder		Gayathra/Edward
	Tester		Gayathra/Edward

Mechanical Hardware		Shell, Component assembly	
	CAD		Edward/Gayathra/Gang Chen
	Construction		Hussain/Edward
Sensors		Microprocessor inputs	
	Experimenter		Hussian/Gang Chen
	Integrator		Gayathra/Edward
	Tester		Gang Chen/Edward
Documentation		Project planning, Progress reports, Paper-based and electronic deliverables, Hardware, Software, Experimental results	
	Writer		Edward/Gayathra
	Graphic Artist		Hussian/Edward
	Data analyst		Gang Chen/Hussian
	Editor		Gayathra/Gang Chen
Web Site		Documentation repository, Publicity, Collaboration	
	Web Master		Edward/Gayathra
	Web Designer		Edward/Gang Chen
	Graphic Artist		Hussain/Edward

Revised Document: eg-252-skill-matrix-v1.2 Uploaded to Blackboard 3 October 2018 by C.P. Jobling.

Signature;

Gayathra-

Handwritten signature of Gayathra, partially obscured by a green rectangular redaction box.

Hussain-

Handwritten signature of Hussain, starting with a large 'H' and partially obscured by a green rectangular redaction box.

Edward-

Handwritten signature of Edward, starting with 'E' and ending with 'S', partially obscured by a green rectangular redaction box.

Gang Chen-

Handwritten signature of Gang Chen, starting with 'G' and ending with 'n', partially obscured by a green rectangular redaction box.