

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	Dara
Project Planner	Planning	Project	Dara/Rhys
Researcher	Organisation, record keeping	Project/Subsystems	Andrew
Electronic Hardware		Sensors, Drives Microprocessor system	
	Designer		Ethan/Andrew
	Technician		Ethan/Andrew
	Tester		Ethan/Andrew
Software		Sensor inputs, Motor control, Mouse operation	
	Designer		Ethan/Rhys
	Coder		Ethan/ Rhys
	Tester		Ethan/Rhys
Mechanical Hardware		Shell, Component assembly	

	CAD		Andrew
	Construction		Andrew/Dara
Sensors		Microprocessor inputs	
	Experimenter		Rhys/Dara
	Integrator		Rhys
	Tester		Rhys
Documentation		Project planning, Progress reports, Paper-based and electronic deliverables, Hardware, Software, Experimental results	
	Writer		Ethan
	Graphic Artist		Dara
	Data analyst		Rhys
	Editor		Everyone
Web Site		Documentation repository, Publicity, Collaboration	
	Web Master		Dara/ Andrew
	Web Designer		Everyone
	Graphic Artist		Dara

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