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# Tutorial 4

The problem can be divided in two ways one that is based on expertise and one that is based on the problem itself

- **Based on expertise:**

It will be divided into UI, Logic, Database and documentations. each part has its own team.

In this case the Dependency matrix will be:

[illegible]

- **Based on the problem:**

My idea was to divide it based on the people it is serving thus it was divided into four main categories:

**a.** Management

**b.** Doctors

**c.** Nurses

**d.** Patience

in this case the Dependency matrix will be:

		Management Module				Doctors Module				Nurses Module				Patience modules				Shared Infrastructure
		UI For Management	Logic for Management	DB for Management	Documentation	UI for Doctors	Logic for Doctors	DB for Doctors	Documentation	UI for Nurses	Logic for Nurses	DB for Nurses	Documentation	UI for Patience	Logic for Patience	DB for Patience	Documentation	
Management Module	UI For Management		X	X														
	Logic for Management	X		X														
	DB for Management	X	X															X
	Documentation	X	X	X														X
Doctors Module	UI for Doctors						X	X										
	Logic for Doctors					X		X										
	DB for Doctors					X	X											X
	Documentation					X	X	X										X
Nurses Module	UI for Nurses										X	X						
	Logic for Nurses									X		X						
	DB for Nurses									X	X							
	Documentation									X	X	X						
Patience modules	UI for Patience														X	X		
	Logic for Patience													X		X		
	DB for Patience													X	X			X
	Documentation													X	X	X		X