

COMP313-31121/31221

Exercise 8 (Project Resource Management)

1. Draw a RACI chart to indicate the following scenario:

Sam is a senior system analyst supervising John who is assigned with a task of studying the background knowledge for a system to be developed.

Mary is the expert that can help John by providing helpful advices.

	<i>John</i>	<i>Sam</i>	<i>Mary</i>
Background study	R	A, I	C

2. Describe the Project Resource Management processes that are related to Human Resource.

- **Acquire Resources** — obtaining team members necessary to complete project work.
- **Develop Team** — improving competencies, team member interaction and the overall team environment to enhance project performance.
- **Manage Team** — tracking team member performance, providing feedback, resolving issues and managing team changes to optimize project performance.

3. You have 3 people working on a 3-month project: 2 programmers and 1 person who is good at systems analysis and design. They all can handle the task of system deployment. Draw a Resource Histogram on monthly basis that reasonably reflects the work allocation as scheduled as follows:

Tasks	Duration	Period
System analysis	15 man-days	Jan 15 – Jan 25
System design	10 man-days	Feb 2 – Feb 9
System programming	80 man-days	Feb 10 – Mar 31
System testing	5 man-days	Apr 1 – Apr 3
System deployment	5 man-days	Apr 4 – Apr 5

