



**Name of the Course:** Projects Managements

**Code of the course:** UR 127

**Level:** 1

Name of the research Topic	Description
1. SDLC alternatives approaches	<ul style="list-style-type: none"><li>- Explain the traditional SDLC</li><li>- Explain in detail different SDLCs approaches like (Waterfall, Prototyping, RAD, Agile, ... etc.)</li><li>- Show the phases diagrams for each approach</li><li>- Compare between different approaches and their usage.</li></ul>
2. <u>Oracle JD Edwards</u> CASE tool	<ul style="list-style-type: none"><li>- The importance of CASE tools for the system analyst.</li><li>- The features and tools that included in <u>Oracle JD Edwards</u></li><li>- Other CASE tools available in software market.</li></ul>
3. Sources of software	<ul style="list-style-type: none"><li>- Explain how you can get software from different sources</li><li>- Explain the Pros and Cons of each source</li><li>- Explain how you can evaluate the software before purchasing.</li></ul>
4. <u>Microsoft Project</u> as a project management software	<ul style="list-style-type: none"><li>- The importance of project management software for the project manager.</li><li>- The features and tools that included in Microsoft Project.</li><li>- Other project management programs available in software market.</li></ul>
5. Project Life Cycle	<ul style="list-style-type: none"><li>- Characteristics of the Project Life Cycle</li><li>- Project Phases</li></ul>
6. Project Management Processes	<ul style="list-style-type: none"><li>- Project Management Process Interactions</li><li>- Project Management Process Groups</li></ul>
7. Project Time Management	<ul style="list-style-type: none"><li>- Plan Schedule Management</li><li>- Define Activities</li><li>- Sequence Activities</li><li>- Estimate Activity Resources</li><li>- Estimate Activity Durations</li><li>- Develop Schedule</li><li>- Control Schedule</li></ul>
8. Project Cost Management	<ul style="list-style-type: none"><li>- Plan Cost Management</li><li>- Estimate Costs and Determine Budget</li><li>- Control Costs</li></ul>

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