Name & Shekar & long to hand plant of Reg No: 18CS 601025 aggs hand priving all & Course Code : MCA204A53 Course Title: Software Project Management No of Pages: 8 No of Pagu: 8 College: Kristu Jayanti College Software Project Management: Software Project Management: - 91 the art and Science of planning and leading Software Projecti. It is a Sub décipline of Project management in which s/w Project are planned monitored and Controlled. Three Activities of Software ? Exentially there are three approaches to identifying the activities or tasks that make up a Project. 1) Activity - Based Approach
17) Product - Based Approach (1) Hybrid Approach.

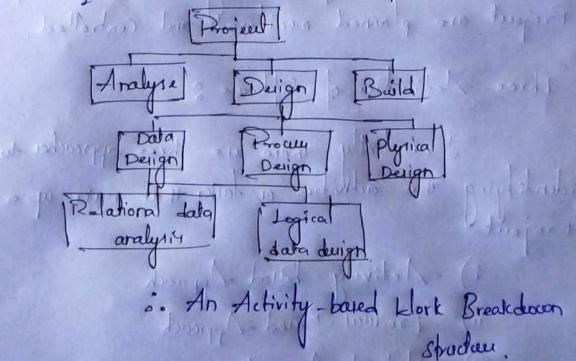
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1) The Activity Based Approach 8-

or list of all the activities that the project is though to involue

Project. it might be helpful to Subdivide the project into the main lifetyle stages and Consider each of there separately.

Structure (LIBS). This involves identifying the main tark required to Complete a project.



dissipposition studies.

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26 The Froduct Based Approach 3-

with consists of producing a product Brackdown Structure and a product flow Diagram (PFO).

The PFD indicates, for each product, which other product are required as input.

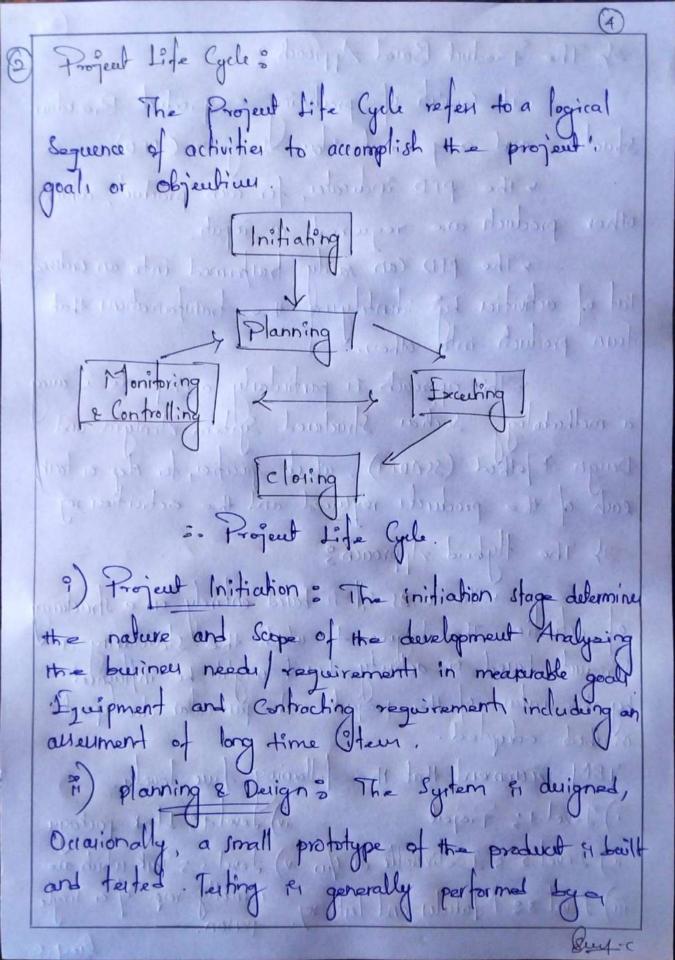
+ The PFD can easily transformed into an ordered turn product into other, the transformations that

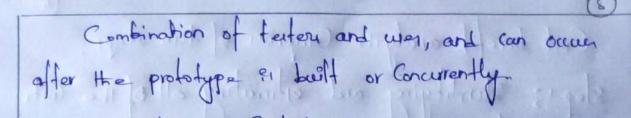
+ This approach & particularly appropriate if ming a methodology Such as Structured System Analysis and Design Method (SSADM), which specifies, for step or tack, each of the products required and the activities reg

of activities. The degree to which the stourtaing is Product based or activity based might be influenced by the nature of the project and particular development method adapted. to post of trivial

IBM recommend that the following five levely.

- 1) Level 1: Project (v) Level 4: Llork-package (ii) Level 2: Tark which are (iii) Level 3: Modelles and tests voy normally verp of a single person





Consist of those process performed to observe project execution so that potential problems can be identified in a timely manner and Corrective archion can be taken.

of the project and ending the Project Admin acceptual include the additing to the biles & downenting lessons learned.

3 Cort Benefit Analysis:

exact of carrying "ecomonic accomment" of a proposed information system. This is done by Comparing the expected costs of development and operation of the system with its benefits

benefith of any project is done by But benitis

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5 Categories of Riskis Trie Prince 1/ Schedule Pisk: Project schedule get slip when Project tarts and schedule release vists are not addressed Properly. r Lirong time estimation. r Resources are not tracked properly. > failure to identity complex functionalities e time required to due lop. > Chexpectal project scope expansione. 2) Budget Perk : de la la lang budget estimation + Cost Overcury 2) Operational Riki: & Risks of loss deve to impropor process implementation, fails system or some external

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gethill a mapping y Failure of address priority Conflicts re failure to revolve the responsibility. r Insufficient resources r No proper Subject fransing 1 No Communication in tean. Technical relu: + Technical vists generally lead to failure functionality and performance. + Continuer charging repairement. + No advanced technology available or Hz existing technology is in mitiel stages . Diffiult project modulu integration. . Pite of loss due to improper prouse inglementation, about forces or tonce extens