Assignment-1

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21. Elaborate the touk set for creating component

component level design le an important step in 00 software development. It involves curavist detailed deliga for inalvidual components of a software system based on requirement a specification rax set involved in cure and component level design.

D Roberty all design classes that workspoond to the problem about the requirement and portite aure model. four analysis class and antifiedural component is elaborated.

2) Identify all design classes that cornespond to the infordsmictive domain: These classes are not described in noquement: model and are append inforty from the architecture model. As use noted by include and object components, and object and object and object.

an newarde components Elaborarion newhor that all Principalis, all electrons, attendants, and opening of recessary to Proplement the class as descentioned in detail bestyn newhols must be considered as this task its conducted.

collaborate

destails of these collaborators. Although the is applicable of the can be used as a perecusion to specification

- (b) Identify appropriate Prientoces for each component for essence openations aethed for the design class are caregorized but one or more absent classes. Every openation within the asstruct classes.
- data stempers rawred to implement them.

 The an attailibrate appared meperiedly across a number of design classes and It is a relatively complete efficiency.
- (d) Describe puccess flow with the earn operation in details. This may be automptished using programmy languages pseudousde, or with a work outsity of a gram.
- 4) Describe peristant data source blarasases and flee and flee and flee and flee classes to manage them. Devabare & flees normally transcend the design descrippion of an Padliphallicomponet. In most cases,

there penistry dava stenderen

5) Pevelop and elaborate behavioural represention for a class on compones:

come stave alagrans were used as part of the requirements made to represent the enterinally Observable benaulow. or the system - During component kuel deign it is somethnes necusary.

6) Elaborace apployment alagrano to perallale additional Amplementation detail.

Replayment dragrans one wed as paut of: according design and accompresented for descriptor format. Reprograme alagrane for be classomes to represent the location of boy. packages of components, however, component auce not represented Falvidining.

4) Rejactor every componer levelderign representation and always alternation.

It to an alternatice process, first componed model will not be complete, workfrest or accurate. They do not suffeer from turnel wiston. Develop alternative and consider. ouch carefully

Explain golden nulling usen Interface derifin The rollding three nies:

(i) Place wer Po cerman

2

(ii) Reduce wer's memory wad. (ii) make Inkulgoe consery

- (1) Place user Ingertera
- perfere Interceven made to such a way that does not force a use into unnecessary condesired allong
- · Provide Mexible Anteraction
- · Allow user Premaisson to be unterruptible and
- allow the breezewon to be customfred.
- i) Reduce users memory had.
- · Reduce denaid on shout town menny :
- · Establish meaningful defauer.
- · Défine shorture that cem Préntiss.
- · The usual layout of interface should be based on real world
- (ii) make Artufau conferent
 - context.
- · Malntum confeteny acuss a fanily of application.
 - expecturas, do not make tougo culso trace is a compelly reason to do so.