Md. Mahmudun Ruhman ID. 171 014 037 CSE 404 Final Exam

Generic	zoflwane	product
March Service Service		and the same of th

D'In Generic sollware product, the product developer owns the specificalian

D Stand-alone eyslem that are mankeled and sold to any customer who wish to buy them

3) Fire devel The generic product user connet control the evolution of the product.

The user ew ged the applicantion immediate -ly.

S) Lere expensive

6 Mone neliable

Custom softwore product

OTr Custom sellipane product, the customer owns the specification and controlled by the customer.

Bothware that is commimioned by a specific customen to meet their own needs

The custom product evolution happen Dwhen the customen need to charge

The application will take some time to development.

5 More expensive

6 Len reliable

Software east more to maintain than it does to develop. For system with a long life maintainer east may be several times development east. If we need a effecient system we need to alwayes een chenk and change for better result. And every Line we do that it cost lots of time and money. So software cost more to maintain than it does to develop. and and another transfer of the state of the

with the same distribution of the contract of the same of

Andron 1 3'

Limitations of the Linear sequential

model:

The requirements of the system can be 's Inozen before the degines.

- 2) Freezing the nequinments usually requires choosing the handware. A large project wight take a few years to complete.
 - 3 It is difficult for the coustomers to state that the requirements clearly at the beginning.

V-Model @

V-Model is an SDLC Broaded where execution of processes hoppens in a sequential manner in a V-Shape. It is also known as Varidientian and varidation model. This is highly-direiptined model and the next phase starts only after completion of the previous phase.

In v model;

This sworths well for smaller projects there where requirements are very well understood. Early to manage due to the Fright Rigidity of the model. Each phuse has specific deliverables and a neview prosess.

Purpose of the Devily Scrumo Event:

The purpose of the duity serum event is to inspect progress made towards the sprint goal and progress made in the Sprint Backlog, in order to adapt the plan for the next of the Sprint. The structure and meeting flow of the Daily Scrum is determined by the D Development team, as long as it's focussed around the progress towards the Sprink Goal. 7, 5, 10

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Answer to the gues no-03

. 131		· · · · · · · · · · · · · · · · · · ·
Socialno	noun noun pharase	althributes
1.	Seewily	
٧.	Smoke delecters	
3.	motion detector	
٩.	underinable situation	
5.	illegal entry	5, 6, 7
۲.	fine	
	flooding	
	withdow and doon	· · · · · · · · · · · · · · · · · · ·
0)	' '	A PORT OF THE PROPERTY OF THE
10	event	
11	control pavel	
12	display	
13		
15	1 tetephone cull Services	9,13,14,11,12
16	system	2,3,8, 0,10,11,12,13,14

Greneral classifications of safehome:

No	Noun/Noun phase	General classification	Remarks
1	Security	7	V
2	& Molko delector	2	0.27-
3	modion defection	2	~
9	underfrablesslu	2 7	
5	illegal entry	3,7	
6	dine	3	×
7	flooding		west.
8	widness wand door	3	AA
.9	alarm	2	
(0)	event	2	~
11	control panel		11
12	display	+	
13	telephon no.	2	\ \ \
14	•	The same of the sa	
	Lelephone cull		
15	Services	7	
16	system	7	~
l l		· ·	

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MO.	Potenti	and class	Selection entania	00	DAT YOM
1	Securi	ty	6	he man	
2	Smorke	defecta	2 / 10		
3	Motion	delector	, , ,	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
9	underine	ble it	2)-1/		
5	Illeger	l Fortry			
_	whdow		Control Control		
7	Alann		3.112 3.1.1.1		
8		l panel	2,4,5	~	
9	l .		2,4,5	· · · · · · · · · · · · · · · · · · ·	
σj	Display Benvie	es			
11	system		3,6		
			3,6		

Answer to the gues no-04

Test care using BVC:

Indigen	Enpected output
1	prime
R	prime
100	Not prime
99	Not prime
53	prime

Man = 1 Man = 2 Man = 100 Man = 99 Nominal = 53

Robust Testing

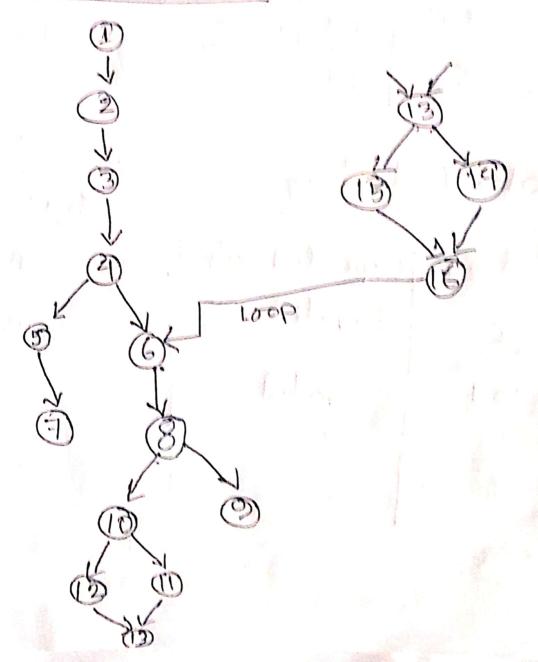
Intigen	Expected output
0	Invalid
101	Invalid
4	

<u>6</u> 4	- 1		
/	Min-	; =	0
	Mant	-	101

worst case desting

For wonest euge & 5' 5' 5'.
So, Ove and wonst ease dest rienulls will be some.

Control flow Graph:



Compl

Cyclomatric complanity:

We Know,

$$= 18 - 16 + 2$$

i. Deyelomatrie complenity is 4.

1 10 1000

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