SE	week: 2
Data: 21-03-	and the control of the state of the second sta
• SOLC	
Software Development L	ife yde
1 - Requirenments	
Users Stories (Why	2 How, what)
Wireframe (User re	quirenments of screen
Story Board (De	ctional User Busnice
Physical Oscalust	Monay User Iswanice
Physical Product	(Requirenments)
2- Analysis	
3- Design	
High Level	
Low Level	
4-Building	
Coding the code according to user Rea	in Programming Language
according to user Re	quirnments
5- Testing	
Alpha (Testa by	Developer)
Beta (Test by	Users / Otherise Users)
6- Maintainence	
b- Manacarience	

1- Requirement
- Levalence
Formal Defination A condition or capability that must be met by a system or its component to satisfy a content, standard, specification or other formal document. SRS - SRS - SRS
A condition and bility that must be
met by a cut of capability component to
Satisfy Specification
or other fine of
formal olocument.
SRS -> Software Requirement Specification
Informal Defination
It specific loverialism of light models
COM 100 1000 1. Occarto
word application / product.
ριω (Δα. 811 / p) 18 σαι α.
-> Needs:
→ wants:
Use case: How user will interact with software is called user case
is called user care.
Date: 1-4-2022
Types of Requirements
1. Functional
· The main requirement
· without this the software does not assist
· Behaviour that the developed product
should do or support
DVD00

· shall -> word for functional req.
· must - word for non-functional reg.
· Business Requirement
· Purpose of the project
Business requirements are not business rules.
- Example of BUSINESS TWES:
1. Legal regulation 2. Privacy Policy
· User Requirement
what the product do By
· accomplish with the product
2. Non-Functional
· Performance of software - Respone time, Utilization. · Scability - More useds
· Security - user must be safe from hacking. Reliability
· Avaliability - 24/7 by in ensuring
• Exact Method
As a user I must log into the st system
with 3 seconds.
· Range Method
> The responce time of the software must be
-> the responce time of the software must be 3 to 10 seconds

Star	Date: 18-4-2022	
Jeak	C TOTAL CONTRACTOR OF THE CONT	
the "C	yone affected by or who has an effect	ON
the "	yone affected by or who has an effect Success of the project User · Client · Manager · Administrator	
End	User · Client · managers · Administrator	
	and the second s	
Thes	THE THE PARTY OF T	
(ii) C	rimary: End user who actually use the	Droduct
ciii) T	econdary: who actually use the product	
Commence of the second	rimary: End user who actually use the econdary: who actually use the product extiary: who are affected by the product. Ma decission about the product e.g. (Develop	he
User T	decission about the moduct e.g (Develop	er)
• 11000	Interface: about the product e.g (Develop	
The second second second second second	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
(i) l)	enges	
Cillian	er inability to explain what the need ers are biased by provious land at	
0.50	ers are biased by previous bad design eveloper have trouble through services that	
On De	eveloper have trouble through seeing through users int of view.	2 2 2
		*
Solution		
(i) Alwa	03013.	
	Interface Limitations	
	eptual / Senory Limitation (Colour Blindnen)	
in Physi	ical Limitation (Right/Left handed	()
iii) Cogr	nitive / Memory Limitation (Memorize Everything)	
is Cult	toral Limitation (Biased due to cultural limit	ution)
to any state of the state of th		•
		•

How to gather Requirements?
1. Interview (Client)
2. Focus Group (A page is moved in a group)
2. Focus Group (A page is moved in a group) 3. Observing (How every one is working /Using)
4. Consulting previous products
5. Questionnaire (Use google forme)
6. Use case
7. Prototyping (It is not actual Product but it
is made before the actual product)
Date: 11-4-2022
Ses case
• To achieve paticular environment goal.
• Use case format
Name
• Participating actor - User
Groals - A goal of use case is what it
want to achieve.
Triggers - when a user want to buy product They will select payment method
Buy now - Function of Inaplimentation.
Button.
Pre-Condition - all those conditions which must
be true before starting. sing-Ju, Internet etc.
· Post - Condition - The condition which must be
true after the execution of basic from.
· Basic flow - Alway write in Points.
- The flow of eneution.
- e.g Main Spetio Scentio, Busic Scentio

· Alternate Flow - Different ways to sign-In. · Exceptions - The problem with solutions. (more than one)
· Exceptions - The problem with solutions (more then out)
Right down exception in points.
Important in testing the software.
lestes use test cases. (Pars or Fail)
Gualities - Performance e.g. The softwar must take
seconds to start.
- Non-functional Requirement
View DMC
· Use Case
Triggers: Check GIPA CCTPA
Pre-Conditions: IMC
Triggers: Request to view DMSC Pre-Conditions: LMS account Internet connection, Browser Post-Conditions: View DMC and view GPA, CGPA Sociessfully
Post-Conditions: LMS account Internet connection, Browser Post-Conditions: View DMC and View GPA, CGPA Successfully Basic Flow: 1) Open browser 2) Log in account
3) Reguest to went size
Alternate Flows: No alternate flow / Not available Exceptions: 1) Student don't have LMS Account
Exceptions: 1) Student don't have IMS. Account
2) No Internet Connection
2) \(\Cappa_1 \).
Qualities:
1) User come charle com
2) Takes less than 3 seconds
3) Must be secured, use password for security
2) Takes less than 3 seconds 3) Must be secured, Use password for security 4) Easy to use - must be descriptive
그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그

Wireframe. A wireframe, also known as a mock-up, can be thought of as a kind of early blueprint. Moch-up - How the system will look like.
Proposal 2-lines in Abstract, 1-Paragraph in Introduction Bachground - 2 lines intro
Problem Recent Solution Your Solution Advantages
Future Scope Date: 15-4-2022 High Love Story Board
LMS login Home page Courses Notification Courses > - Register > You have been registered - Tunicipiles
Loyin Page LMS Login Logo Somester Judgester Logo Semester Lo
User name Confered Section Confered Subject Corporate

Stackholder
A person who is effect on itively or regretively
trom the software.
· User · Owner
Epic User Story
"Ewho" " "what?" and "chy?"
the a user I want to register in a Subject
Mevise, so I can study the Subject.
· As a user I open IMS and select survent
Serverter. and Subject that I want to study. As a user, I will select Loard Offered
Subjects. by diching en bard Offered Courses? button
HS a user, I will select the subject that
I wish to study.
· As a user, I will register the a subject by
dicking et Register 1° button, so I can vegister in
Subject. Button, 30 7 cm vegister in
Software House Methodology
Agile model impliments Scom
SRS - Software Requirement Specification

Date: 18-4-2022
· Water fall model
· The very first, basic model
1) Requirement Halysis 2) Design 3) Implementation
4) Testing 5) Deployment 6) Maintenance
u) Testing 5) Deployment 6) Maintenance • Impliment all steps in sequence step by step
· water fall model - Diagram
· Advantages)
· Dis advantages for every mode
· Advantages) for every model · Dis advantages) for every model · If there is a problem in SRS, then the
whole water fall model fails.
• Iterative model
· Itrevative model generates the product after
• Itrovative model generates the product after every Itratration Iteration.
· Big Bang model
· Spiral model
• The only model that allow to risk analysis
● POC - Proof of Concept
• V-model
· Verification model - Check the requirement separate
. Used to repolve maximum errors in software
· Testing a software according to user wants
is called Acceptance testing.
• KAD model
- rapid application development model
Application of the state of the

Date: 25-4-2022

Agile - Scrum

Agile approaches - Scrum - extreme Programming

Artifacts: Sprint Bachrolle rog

Flist of work that a develop team must address