4 05 2024

ANTRODUCTION CLASS

Smooth Snigdha Aspiring Another.

SIDLG: (Software Development Life Cycle)

Requirement Gathering / Analysis

Phase 2: Design

Phase 3: Implementation

Phase 4. Testing

Phase 5: Deploy | Maintenance

Requirement Gathering / Analysis:

Functional Requirements: Product dist

Non-Functional Requirements: Additional Requirements (Rayments)

Design:

the my largest SRS - Septimane Requirements Specifications

Testing:

we asked that is provided. Verification: Whatever

Validation: Whether it satisfies all the exertial conditions

SRS: (Softwore Requirements Specifications) Flowchart, System Anchitecture, Object Oriented Dirign, Use Case Diagnam, Clave Diagnam, Eigence diagram, adlaboration diagram, Activity diagram System diagram. HL design: High-level design [Overall model] LL design: Low-level design [Specific aspects Types of models: Waterfall model [Each phase should be sequential order N model, Agile model, Rapid model, Sterative and incremental model. spiral model CRBIT: (Aspire Culture) - Open and Frank enchange of thoughts R - Respect for others B - Balanced Freedom with nesponse. I - Indusive Leaving T - Total speus on customers

Technical - 60./.
Soft Skills - 40./.

70 Self: 20 Assist: 10 Assissment

3 types of Assessments. Training, SL (Sowice Line) College, (Agile Team Collabonation Framework) Gorum Master, Scrum Team Member. Stand-up calls: 15 mins (First 5 mins - What we hearnt in yesterday's class, Next 5 mins- What we do for today's class! Last 5 mins - Queries / Feedback).

14/03/2024 Definition of 5RS: i) Behaviour of Gyetem, Functional and non-functional nequirements of the system. ii) Formal preport, according to the wateren's prequirements. customer's prequirements. iii) Used at the end of requirements lengineering phase. Usens of SRS: 2 Development Team 1 Chient @ Technical writers 3 Maintenance Team Need of 5R5 Document: i) Structures and gonnalizes all project requirem ii) Enactly meets customer and target audience iii) Provides necessary information while working. iv) Minimines the possible misunderstandings.

y) Plan particular iterations and release dates.

i) Required development budget.

1.2 Intended Audience 2.1 User Interface 2.2 System Interforce 2.3 Software and floordubure Requirements 2.4 Constraints 2.5 Ver characteristics 3. System Features & Requirements: 3.1 Functional nequinements 3.2 Ute cases Sequence diagrams 3.3 Enternal Interface Requirements 3.4 Database requirement

3.5 Non-junctional Requirements

4. Deliver for Approval.

Characteristies of good SR5:
1. Connectness: Accurate functional and non-
functional nequinements.
2. Completences: Consolete all exertial leatures
2. Compteteness: complete all evential features like functionality- performance, design etc.,
the state of the s
5. Consistency: Following the neguined format
. Unambiguousness: Should not make any confusions.
· Ranking for importance? Ungest must be fulfilled
Ranking for importance? Ungert must be fulfilled, and stability based on nankings.
. Modifiability: Quickly ditain Inanges.
Verifiability: Verified with the help of
neviewers / stackholders.
Design independence: Stept from multiple design
alternatives for the final bystem.
Traceability: Unique number for early identification
Testability: Simple to generate test cases I test plus
Understandable by the customer; Simple and class
The Right Level of abstraction: Details Should be
emplained emplicitly.

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