E-RAFT

Explore Now

Govt. Polytechnic College Balaghat (M.P.)

BRANCH – COMPUTER SCIENCE ENGINEERING

SEMESTER - 6th (FINAL YEAR)

PROJECT NAME – " E-Craft"

PRESENTED BY - GROUP 4

CONTENT

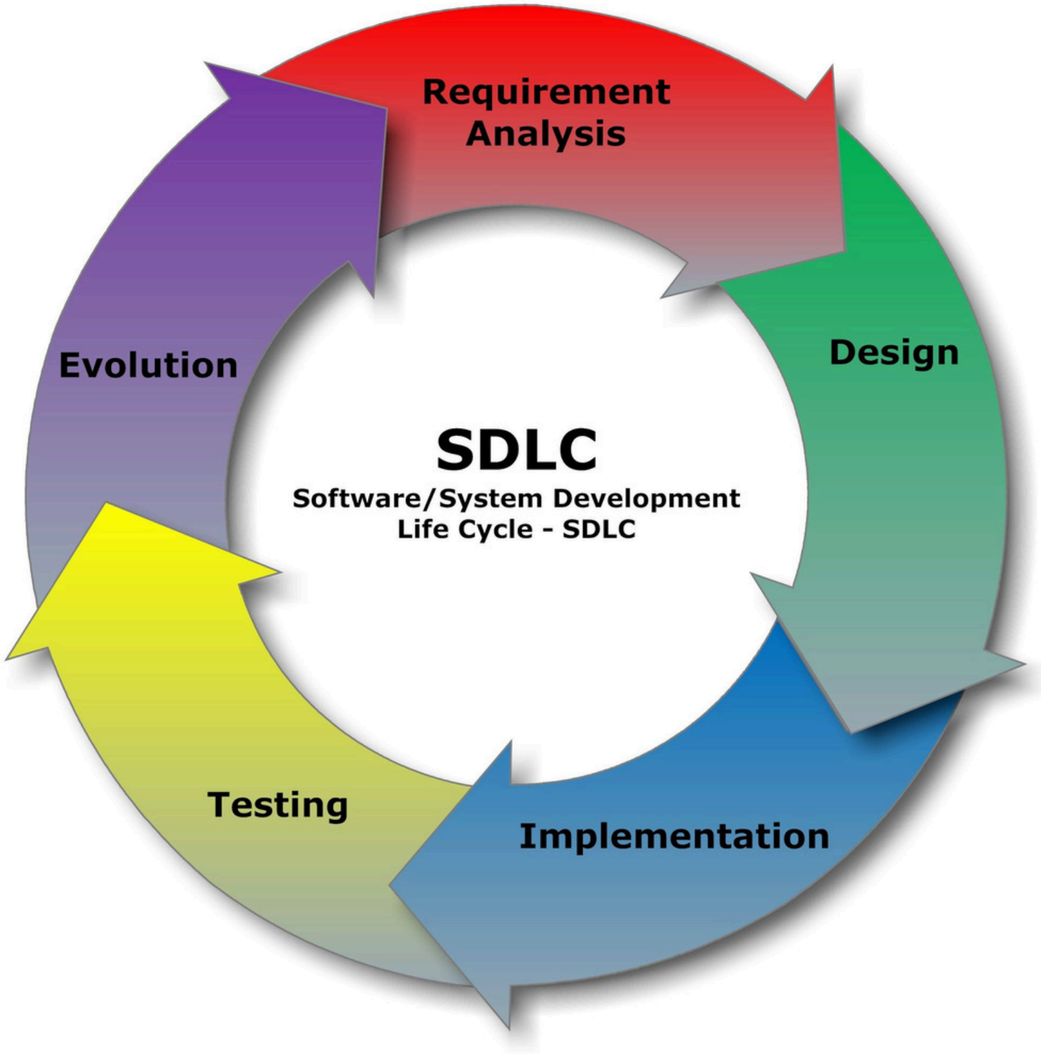
Basicsof
“ SDLC Model ”

1 What is SDLC Model ?

2 Phases in SDLC Model

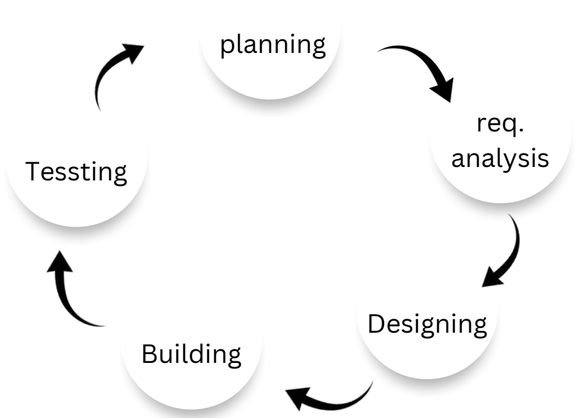
3 Types of SDLC Model

4 We use Agile model

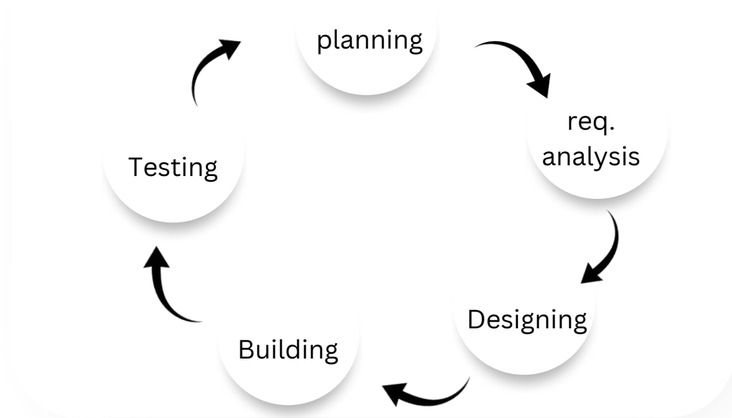


“ Phases in SDLC “

“WE USE AGILE MODEL”



1-2 Months



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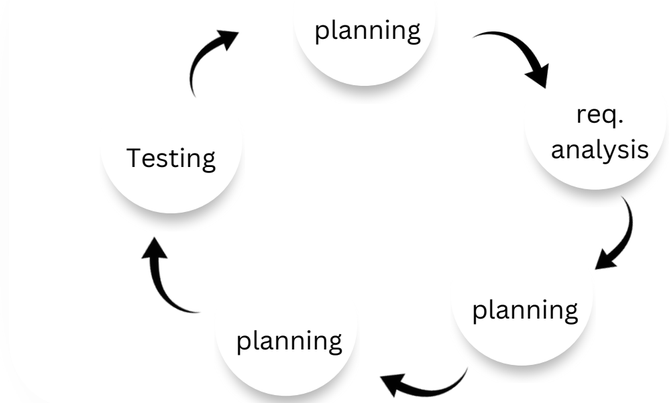


“ Requirement Gathering”

1 **Hardware Requirement**

1 **Software Requirement**

1 **Functional Requirement**

1 **Non-Functional Requirement**

“ Designing Diagrams”

E-R Diagram

Graphical Representation of entities and their relationships to each other in DB

Data Flow Diagram

Graphical Representation of the flow of data

Use Case Diagram

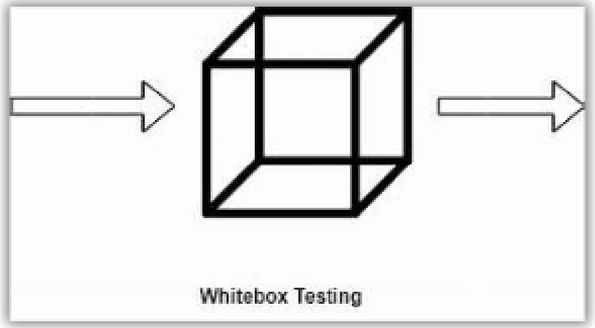
A use case diagram is a Graphical Depiction of a users possible interactions with a system

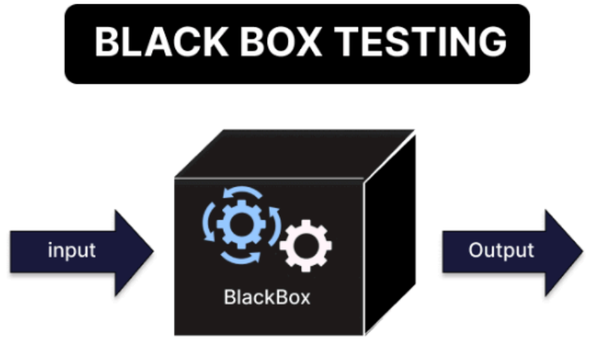
“ Technologies” For Implementation

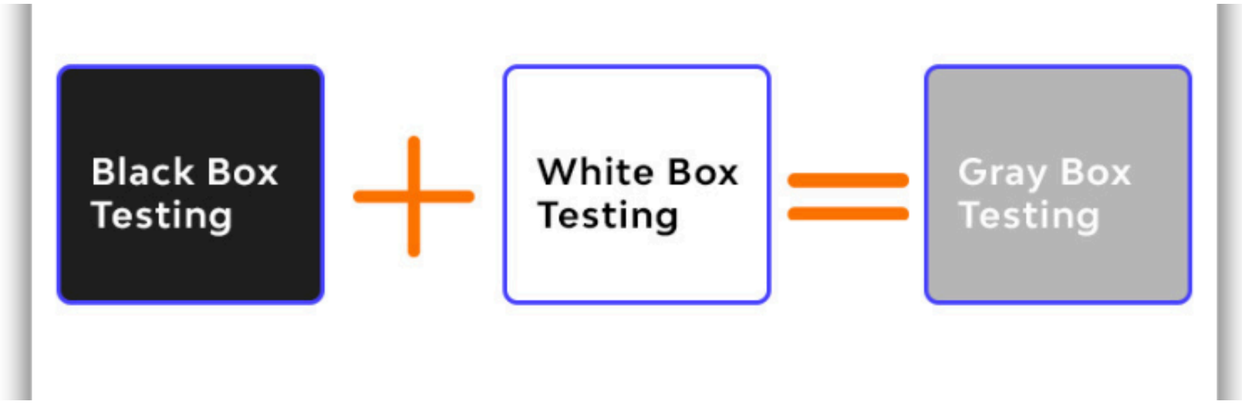
FRONT END

Backend

Testing
“ Techniques ”







“Advantages “

&

“Applications“

“Cost Estimination”

Effort (E): -

E = a(KLOC)^b
E = 2.4 *(6.5) ^1.05
E = 2.4 * 7.1377
E = 17.14 Person-Months

Development Time: -

DT = C*(E)^d
DT = 2.5 *(17.14) ^0.38
DT = 7.3 Months

Average Staff Size: -

ASS = Effect / Dev. Time
ASS = 17.14 / 7.3
ASS = 2.34 Persons

Productivity: –

P = KLOC/ Effect
P = 6.5 / 17.14
P = 0.379 KLOC/P.M.

Total Salary: -

1 Person = 9000
Then,
Total salary = Total persons * 1 Person Salary
Total salary = 7 * 9000
Total salary = 63000 Rs

“ Maintenance”

1. Corrective Maintenance
2. Adaptive Maintainance
3. Perfective Maintenance
3. Preventive Maintenance

“ Future Scope ”

1. SSL Certificate Installation
2. Application
3. Fully Responsive
4. Wide Range

“Conclusion “

Thank You !

For Giving Your Valuable Time

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