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E-RAFT

A large, bold, orange text "E-RAFT" is centered within a green circular outline. To the left of the "E" is a smaller orange arrow pointing left, and to the right of the "T" is a green arrow pointing right.

Explore Now

A yellow button with rounded corners containing the text "Explore Now" in black.

01

A small green square in the bottom right corner containing the number "01".

BRANCH – COMPUTER SCIENCE ENGINEERING



**Govt. Polytechnic
College Balaghat
(M.P.)**

SEMESTER – 6th (FINAL YEAR)

PROJECT NAME – “ E-Craft”

PRESENTED BY – GROUP 4

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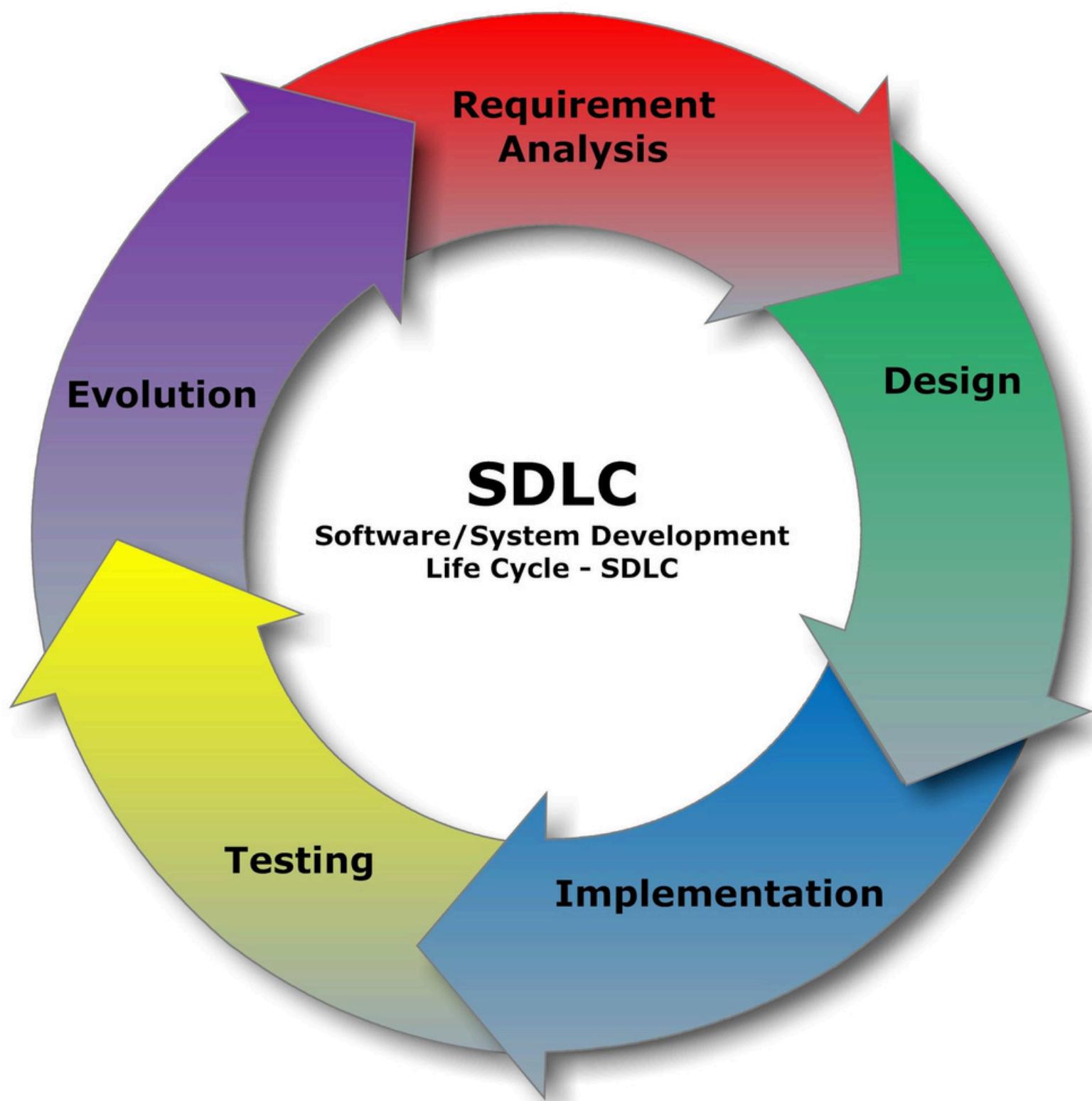
Basics of “ SDLC Model ”

1 What is SDLC Model ?

2 Phases in SDLC Model

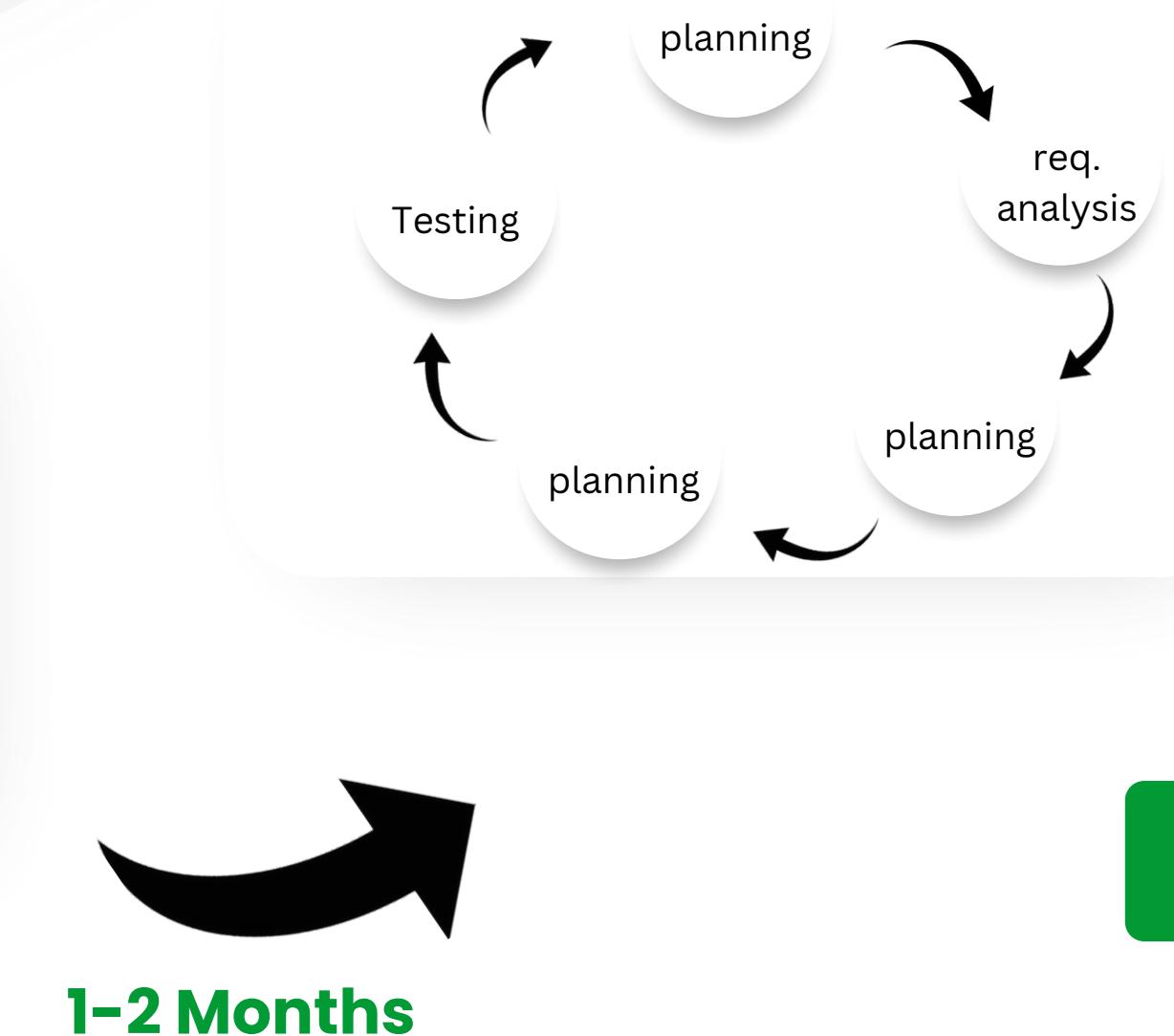
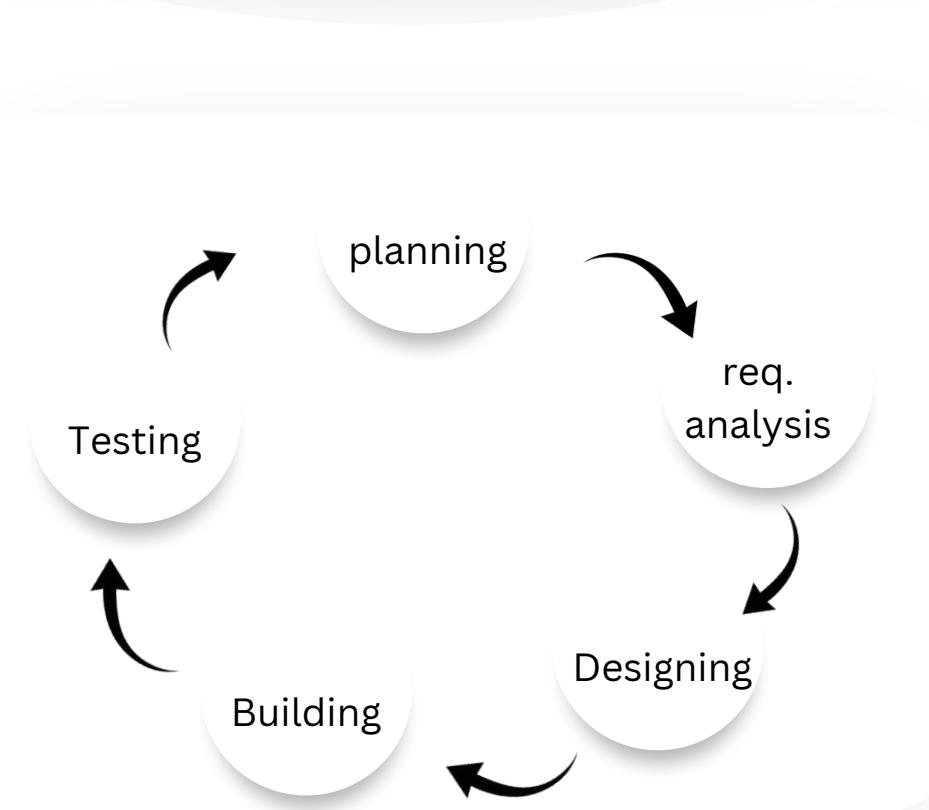
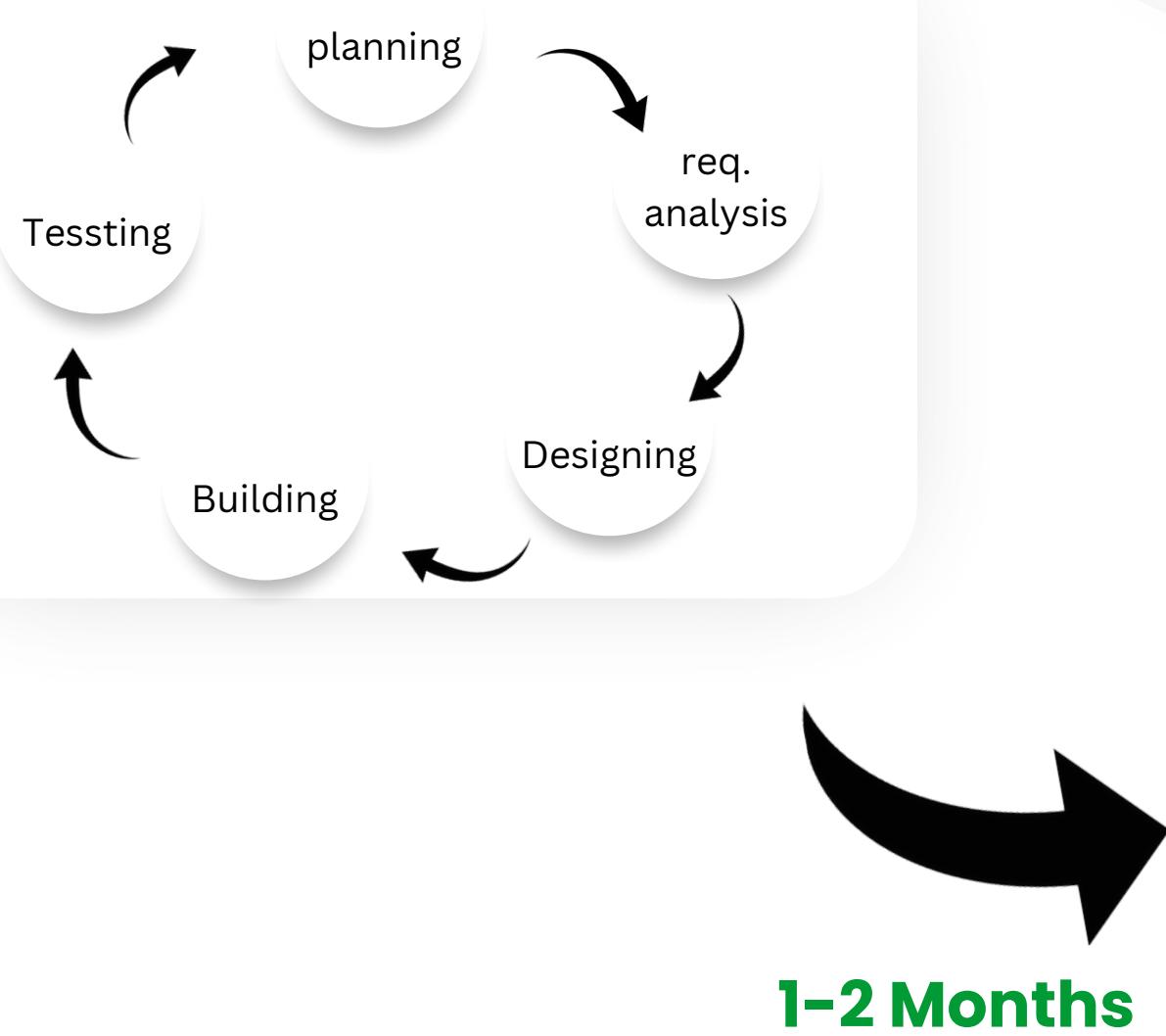
3 Types of SDLC Model

4 We use Agile model



" Phases in SDLC "

“WE USE AGILE MODEL”



“ 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

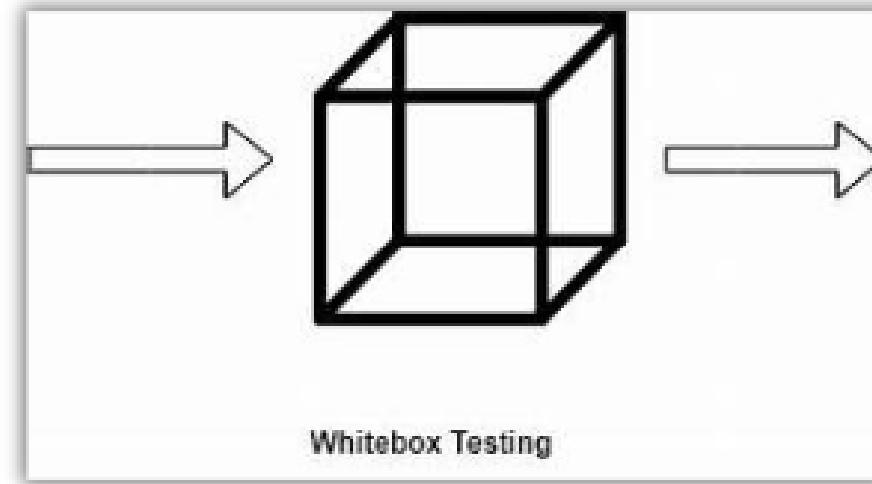


Backend

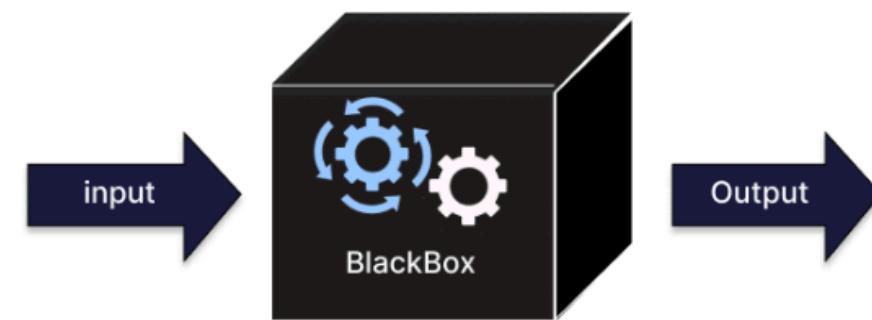




Testing “ Techniques ”



BLACK BOX TESTING





“Advantages” & “Applications”

"Cost Estimation"

Effort (E): -

$$E = a(KLOC)^b$$

$$E = 2.4 * (6.5) ^{1.05}$$

$$E = 2.4 * 7.1377$$

$$E = 17.14 \text{ Person-Months}$$

Productivity: -

$$P = \text{KLOC} / \text{Effect}$$

$$P = 6.5 / 17.14$$

$$P = 0.379 \text{ KLOC/P.M.}$$

Development Time: -

$$DT = C * (E)^d$$

$$DT = 2.5 * (17.14) ^{0.38}$$

$$DT = 7.3 \text{ Months}$$

Average Staff Size: -

$$ASS = \text{Effect} / \text{Dev. Time}$$

$$ASS = 17.14 / 7.3$$

$$ASS = 2.34 \text{ Persons}$$

Total Salary: -

$$1 \text{ Person} = 9000$$

Then,

$$\text{Total salary} = \text{Total persons} * 1 \text{ Person Salary}$$

$$\text{Total salary} = 7 * 9000$$

$$\text{Total salary} = 63000 \text{ Rs}$$

- 1 Corrective Maintenance
- 2 Adaptive Maintenance
- 3 Perfective Maintenance
- 3 Preventive Maintenance



Maintenance

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



“Future Scope”



“Conclusion”



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Thank You !

For Giving Your Valuable Time

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