

ASSIGNMENT - 3

1. What are the tips for agile decision making?

Ans - is a collaborative and consensus-based process

- goal: dynamic and flexible process to adapt quickly to changing requirements

- it emphasizes on speed, flexibility and collaboration

- key principles:

1. Empowering individual and teams

2. Prioritize collaboration and communication

3. Rapid iteration

4. Responding to change

- To implement Decision making follow methods like scrum, Kanban, lean programming.

Tips for Agile Decision Making

- I) Have a clear objective
- II) Gather relevant information
- III) Involve right people
- IV) Set deadline
- V) Consider risks
- VI) Test your decisions
- VII) Iterate

by following the tips well-informed effective and adaptive to changing requirements agile decision can be made.

2. What is Agile Information Systems:

Ans. - defines as an information system developed using agile methods characterized by frequent updates with small number of new features

- Focus: on developers perspective
small end users response

formative approach → ability to sense and diagnose change and select and execute response

1. sense change
sense the stimuli

2. Diagnose change
Analyze stimuli based on nature, cause, impact of change

3. Select Response
select response capitalize opportunity or counter threat.

4. Execute Response
execute the response selected.

3. Explain leveraging in detail

Ans - is the ability to influence a system or an environment, in a way that multiplies the outcome of one's efforts without a corresponding increase in the consumption of resources.

- leverage is the advantageous condition of having a relatively small amount of cost to yield a relatively high level of returns
- leveraging knowledge can be done through knowledge management systems
- a learning organization has to ensure that it not only generates knowledge but puts in place mechanisms to ensure that such knowledge is transferred and leveraged for competitive advantage.

4. What is challenges of migrating to Agile methodologies:

Ans 1. Management and organizational issues:

- Organizational culture
- Management style
- Organizational form
- Management of software develop-

- ment knowledge
- Reward systems

2. Technological issues:

- Appropriateness of existing tools and technologies
- New skill sets - refactoring, configuration management, TUnit.

3. People related issues :

- Working effectively in a team
- High level of competence
- Customer relationships - commitment, knowledge, proximity, trust, respect

4. Process related issues :

- change from process - centric to a feature - driven, people - centric approach
- short, iterative, test - driven development that emphasizes adaptability.
- managing large, scalable projects
- selecting an appropriate agile method.

5. What is agile knowledge sharing.

Ans process of exchanging information, ideas and experiences among team members.

1. Creating learning environment

- team should have learning value and growth

2. Pair programming

- involves two team members working together on single task.

3. Transforming tacit knowledge into explicit knowledge

- transforming knowledge that is difficult to express and articulate into knowledge that can be easily shared and communicated.

4. Using knowledge management tools

- use tools such as online forum can help team members share information and collaborate effectively.
- providing central location for sharing knowledge.