2018 ICSE 0621
SAI RAM. K.
05/04/2021

Part-B

Q.4]. Agile Manifesto :-

It is a document that sets out the key values & principles behind the agile philosophy & serves to help development teams work more efficiently. It has 4 values & 12 principles.

→ "We are uncovering better ways of developing software by doing it & helping others do it. Through this we have come to value:

• Individuals & interactions over processes & tools.
• Working software over comprehensive documentation.
• Customer collaboration over customer negotiation.
• Responding to change over following a plan.

That is while there is value in the items in the right we value the items on the left more

— Kent Beck et al.

SCRUM:

Originally proposed by Schwaber & Beedle.
Scrum distinguishing features

- Development work is partitioned into packets.
- Testing & documentations are going on as the product is constructed.
- Work occurs in sprints & is derived from a backlog of existing requirements.

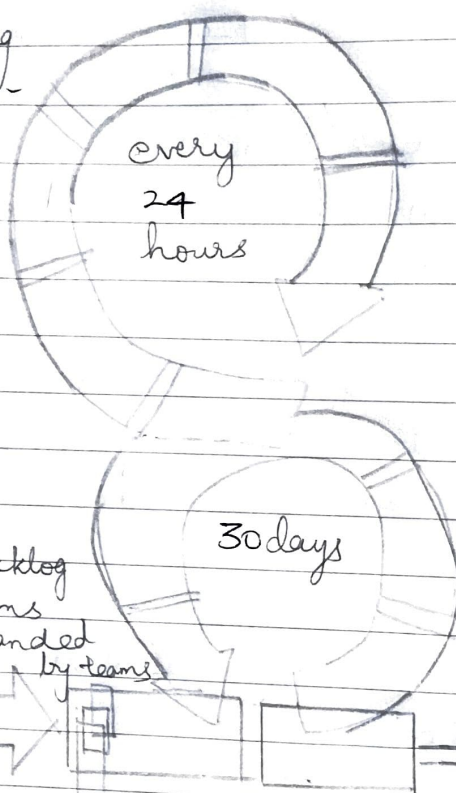- Items can be added to backlogs anytime introducing changes to system
- Meetings are very short & sometimes conducted without chairs
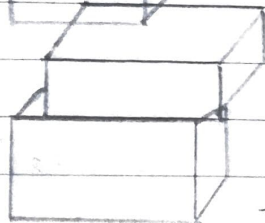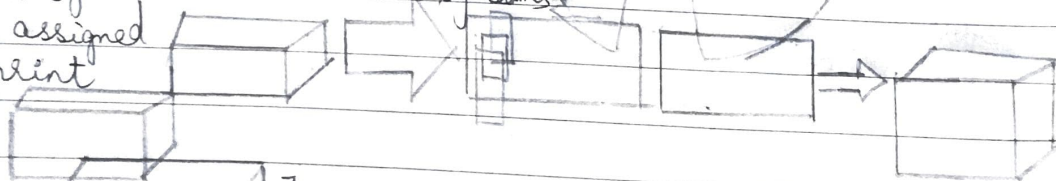- "Demos" are delivered to the customer with time-box allocated

---

---> SCRUM PROCESS FLOW.

Scrum: 15 minute daily meeting
Team members respond to basics:-

1] what do you need since last scrum meeting?

2] Do you have any obstacles?

3] what will you do before next scrum meeting?

every
24
hours

30 days

Backlog
items
expanded
by teams

Sprint Backlog:
Features assigned
to sprint

New functionality
is demonstrated
at end of sprint

Product
Backlog
Prioritized product
features desired
by customer.