SDLC

Initiate, Plan

Requirement gathering

Design

Develop

test

Deploy and Maintenance

Models

* Waterfall , discipline – but only used by small projects with not many changes can be done later
* Iterative -
* Spiral
* Agile iterative and incremental (adaptability) red risks; team will review and realigns deliverables
* Incremental –

**Agile methodologies:**

* SCRUM; scrum master

Product backlog : user stories syntax

Sprint **planning** : rank the highest stories (1-6 weeks)

Sprint **backlog**: missing in previous sprint

Then sprint happens

Burndown chart: entire prod backlog, with the tasks that happen est time of completion, status

Spring **review** : scrum masters review

Daily : team meets scrum master; daily summary

* Kanban

Uses a board to visualize and track the tasks; to do() , in process, done

* XP(extreme programming) CI