AIP

1. Team iterative process
   1. Most of the software project require a larger effort than a solitary programmer can handle
   2. The programmers have to organize themselves into team
   3. Agile teams
   4. Directed teams
2. Agile Iterative Process (AIP)
   1. Agile development process of small-to-medium-sized teams (up to 10 programmers)
   2. Decisions made by consensus
   3. No specializations among the programmers
   4. Very few other roles
3. Model of AIP
   1. User🡪requests 🡪 product backlog 🡪iteration backlog 🡪 build 🡪 daily meeting 🡪 iteration meeting release
4. Iterations
   1. Iteration meeting
   2. Assessing current state of the product
      1. All stakeholders participate
      2. Technical and business point of view
      3. Decide whether to release
   3. Planning the next iteration
      1. Iteration backlog extracted from product backlog
5. Daily loop
   1. Daily meeting
      1. Daily problems and challenges
      2. The programmers build a consensus about the daily progress
      3. Discuss the task and problems at hand
         1. Conflicts between the code commits
      4. Daily assignments of change requests
      5. Clarify the ambiguities
      6. Needs for code refactoring
   2. Early warning when anything goes wrong
   3. The meeting are short
      1. The recommended duration is 15 minutes
      2. May be attended by other stakeholder
   4. After the daily meeting is concluded, the programmers resume their individual work
      1. The software changes
   5. Software change
      1. Done by programmers in parallel
      2. Conflict of commits must be resolve