



SNS COLLEGE OF ENGINEERING



Kurumbapalayam(Po), Coimbatore – 641 107

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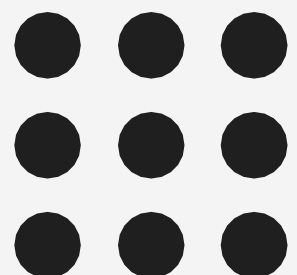
Department of Information Technology

Course Name – IT8075 Software Project Management

IV Year / VII Semester

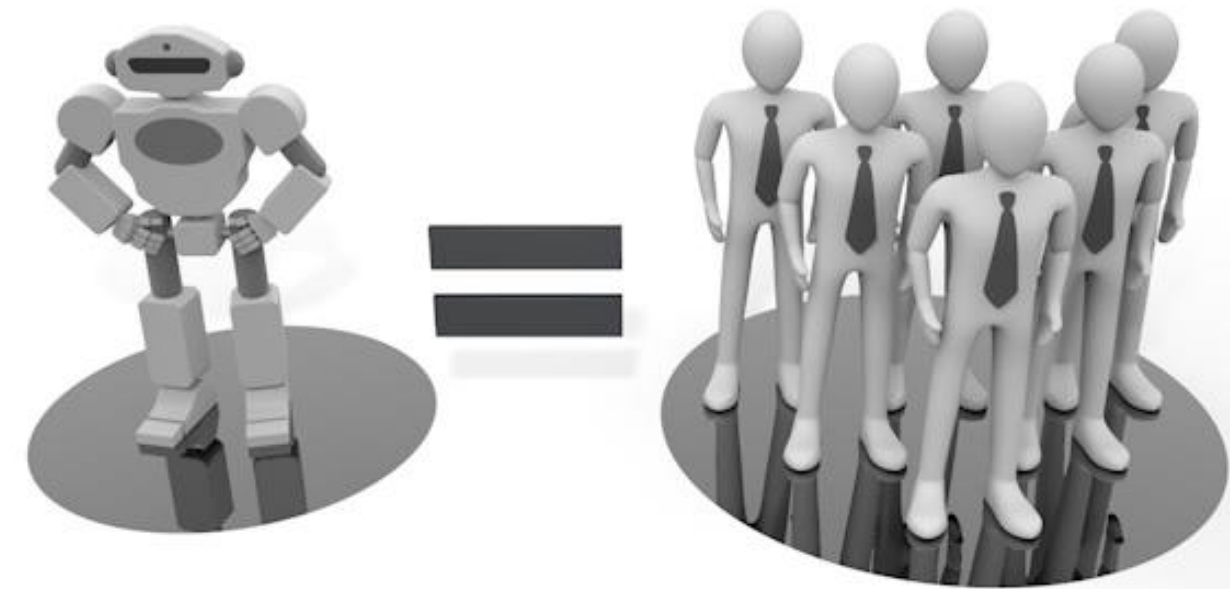
Unit 2 – Project Lifecycle and Effort Estimation

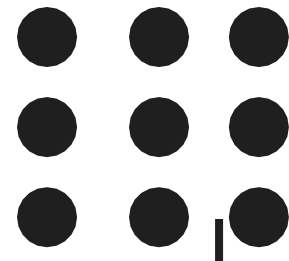
Topic 8- COSMIC Full Functional Points



Answer following question

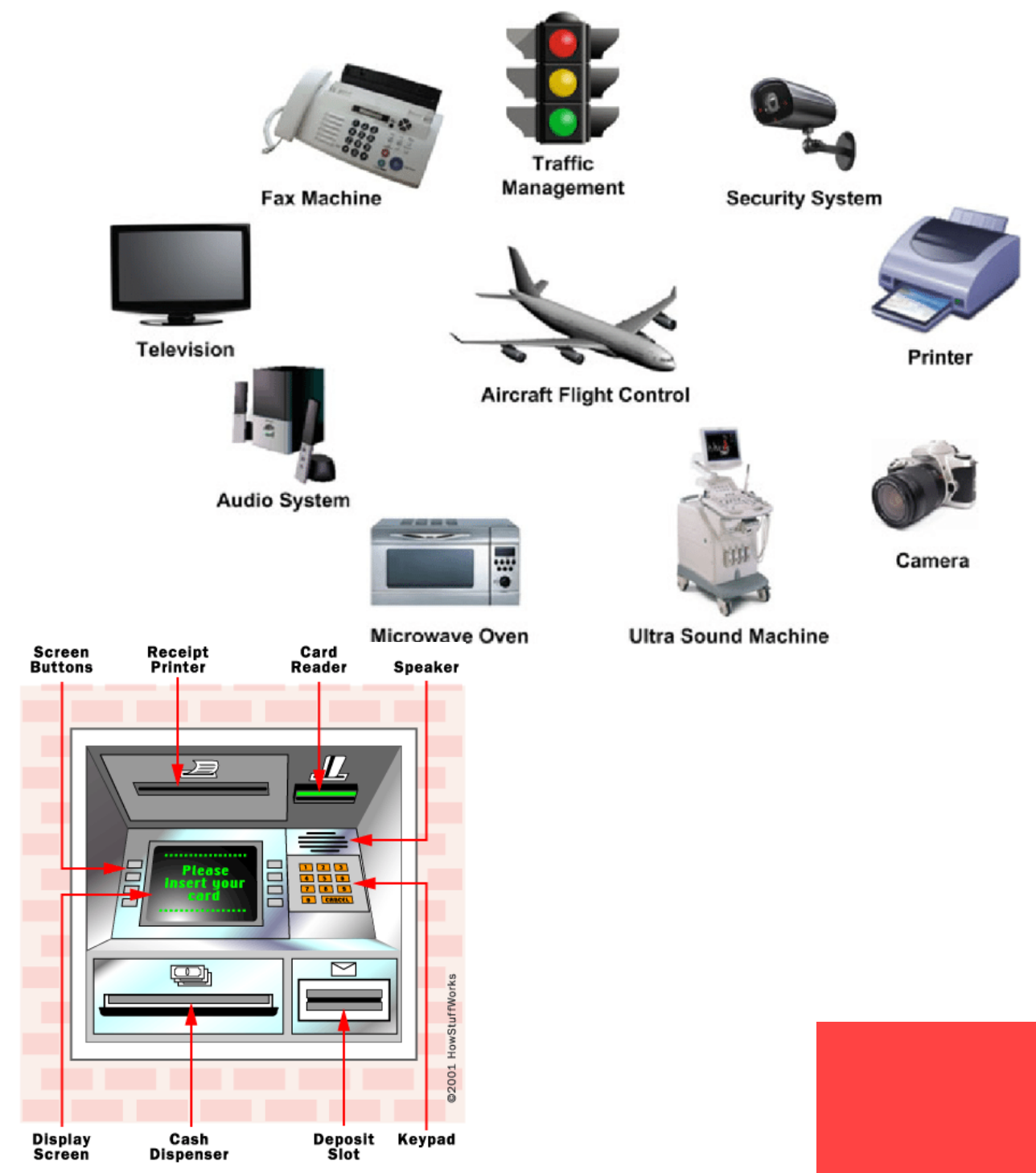
40 men can catch 200 sharks in 20 days working 6 hours a day. In how many days 25 men can catch 300 sharks working 4 hours a day?



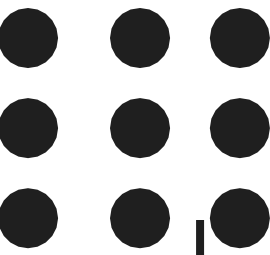


COSMIC Full Function Points

- COSMIC – Common Software Measurement International Consortium.
- Alternative for IFPUG
- Existing FP are not effective for Real time system or embedded system.
- COSMIC Solves by Decomposing system architecture into s/w layers.
- Service access and peer to peer communication.
- I/O aggregated as data groups

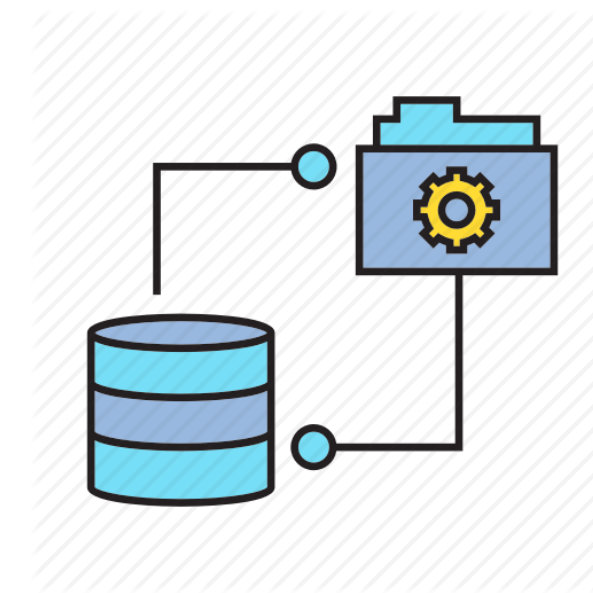


COSMIC Full Function Points



Data groups movement

- Entries (E) – subprocesses move data groups into s/w components from user outside its boundary.
- Exists (X)- subprocesses move data groups s/w components to user outside its boundary
- Reads (R) – data movements that moves data groups from persistent storage into s/w components
- Writes (W) – data movements that moves data groups from s/w components into persistent storage.





COSMIC Full Function Points

FFP Count

- Overall FFP = $E+X+R+W$
- Cfsu – COSMIC functional size unit
- Not suitable for systems involving complex mathematical algorithms



THANK YOU