SOFTWARE DEVELOPMENT LIFECYCLE

· Software development life cy	de (SDLC)	refers to a methodologic
· Software development life cy	esses for	creating high quality
Software. SDLC methodology	tocuses on	the following phases
1. Planning 2. Requirement	Analysis	3. Designing
4. Implementation/Coding	5. Testing	6. Deployement/Naurtonce
U	0	10,

- with regard to costs
- (2) efficacions in terms of time
- enhances teamous teamwork and coordination, defines suitable for employees and increases workplace transperancy (4) Minimal danger when project is implemented.

- 1) project may take longer and cost more if the planning is properly
- (2) Correcting problems in code can ocasionally warriord selences: 15 and cause deadlines to be missed if them: many

→ SDLC Models

(1) Classic Water fall

Feasi bility Study (Planning) -> Requirement Amadysis -> design -> Coding

Maintanence - System testing

SOFTWARE DEVELOPMENT LIFECICLE
- Advantages
L) Simple and esso easy to under stand L) Individual Processing (one out a time)
4) Individual Processing (one out a time)
1) Properly defined
13 Properly defined 13 Clear Mile Stones
is Properly documented
13 Keinforces good habits
9 good for Small projects
→ Disadvantages
is no feedback path
W difficult to accommate changes
4) no overlapping phase (new phase can started only previous is completed)
4 limited fel flexibility completed completed
is dengthy development cycle is not Svitable for complex projects
is not Suitable for complex projects
2) Herative Waterfall Model Feasibility Study L
teasibility study
Requirement Analysis > Requirement Analysis
Design & Designing
Coding and Fest les reballing this rest in
System testing Sextentesting
1 1 33.470517
Maintaipence 1
(Internet Diagram) Maintenence

(Sir's Diagram)

Internet Diagram