



Team Assignment

Final Software Delivery

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Level of complexity in your solution?

Someone always tends to make things more complicated than necessary!

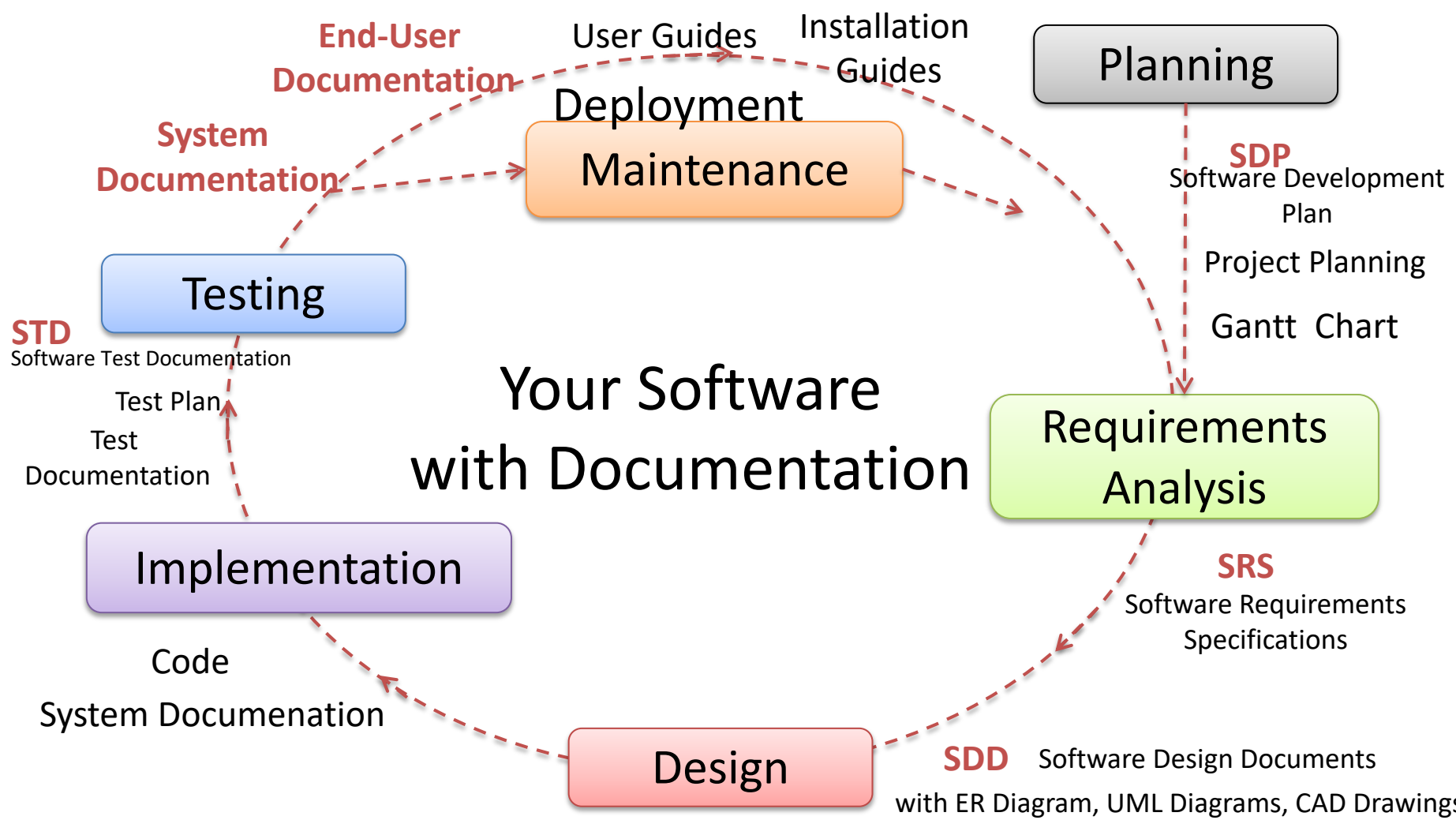


Estimated
Hours:
270 hours

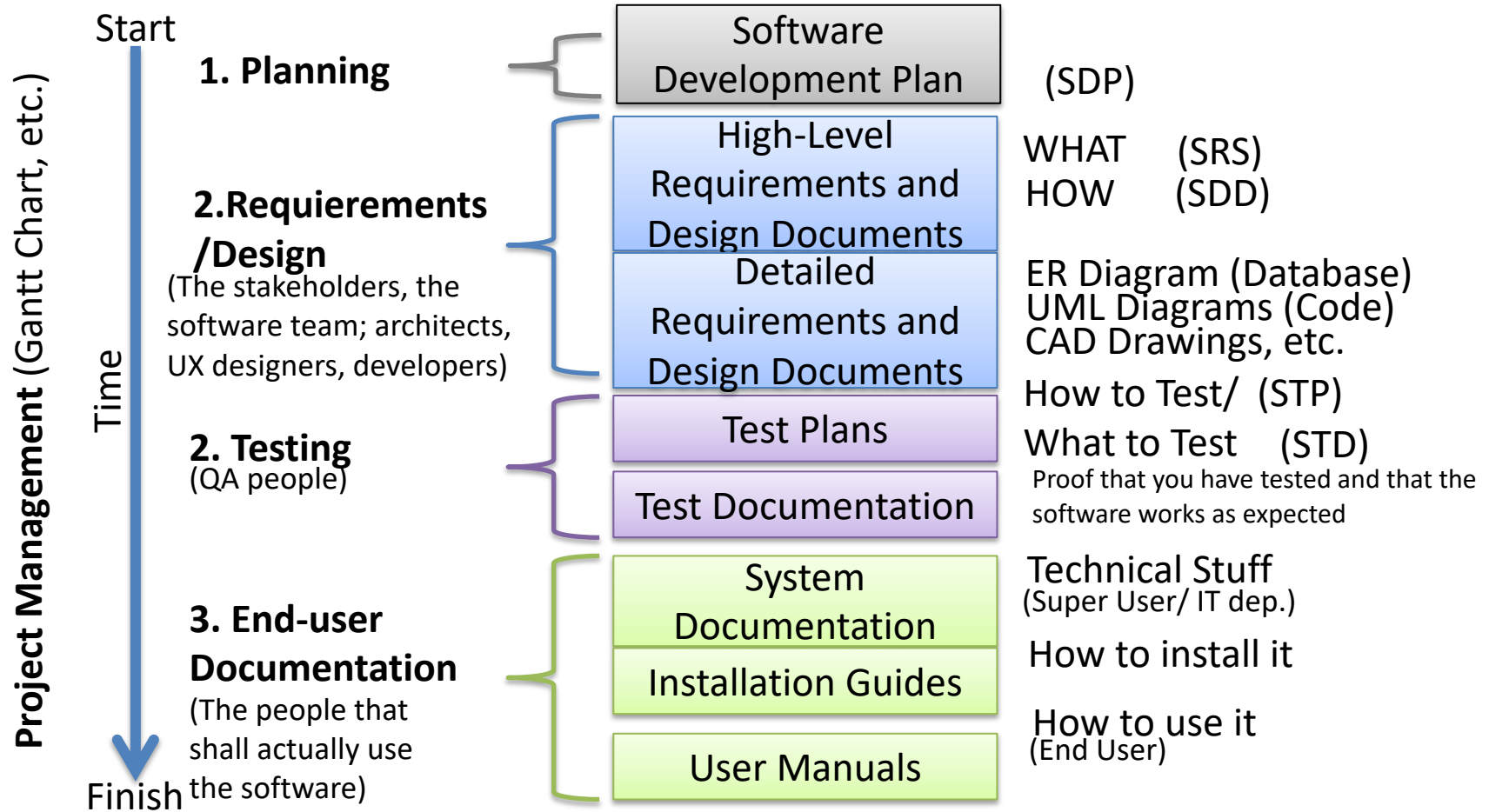


Short Overview of Software Documentation in General

Your Software with Documentation



Typical Software Documentation



Documentation is Important!



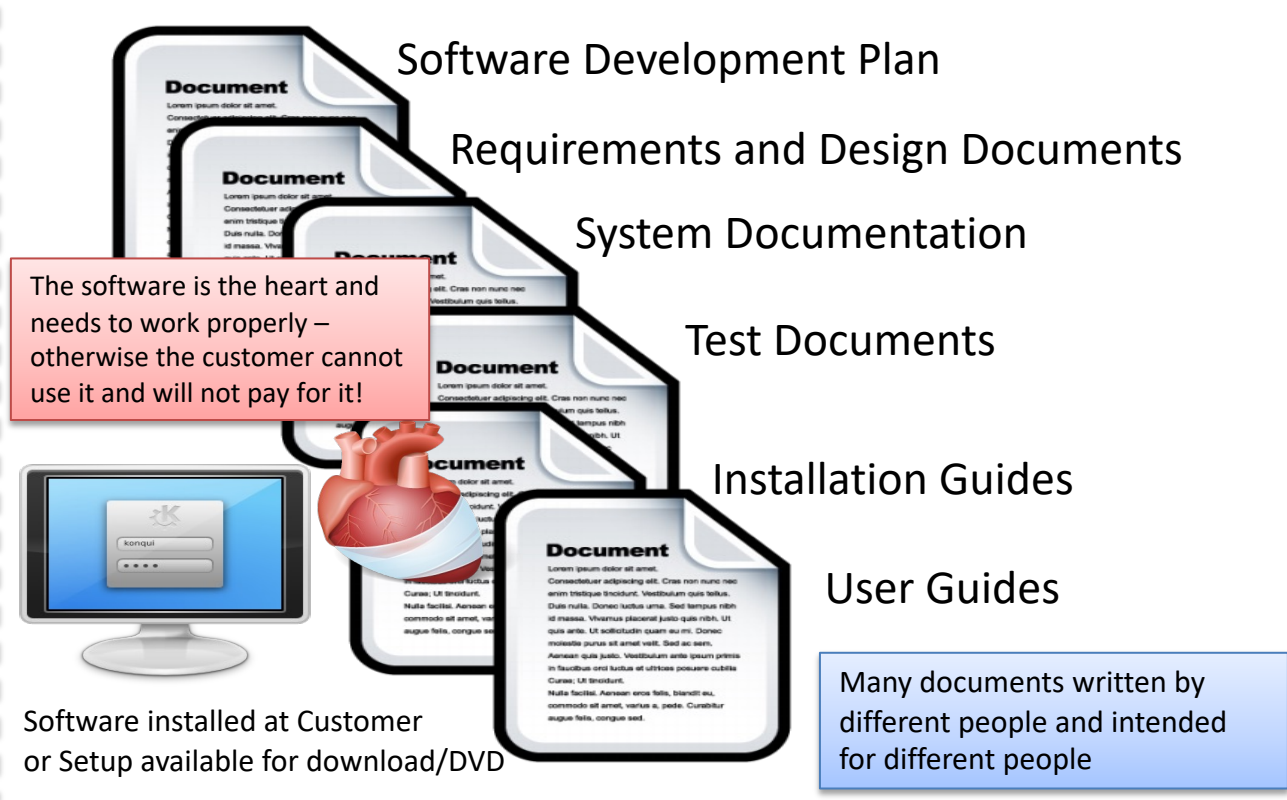
“Traditional School Project” vs. “Real Software Development Project”

One Report with “everything”



One document written by 3-6 students together

Does the system works?
Hopefully – but never used or tested by the reader (or the students?)



Software Development Plan

Requirements and Design Documents

System Documentation

Test Documents

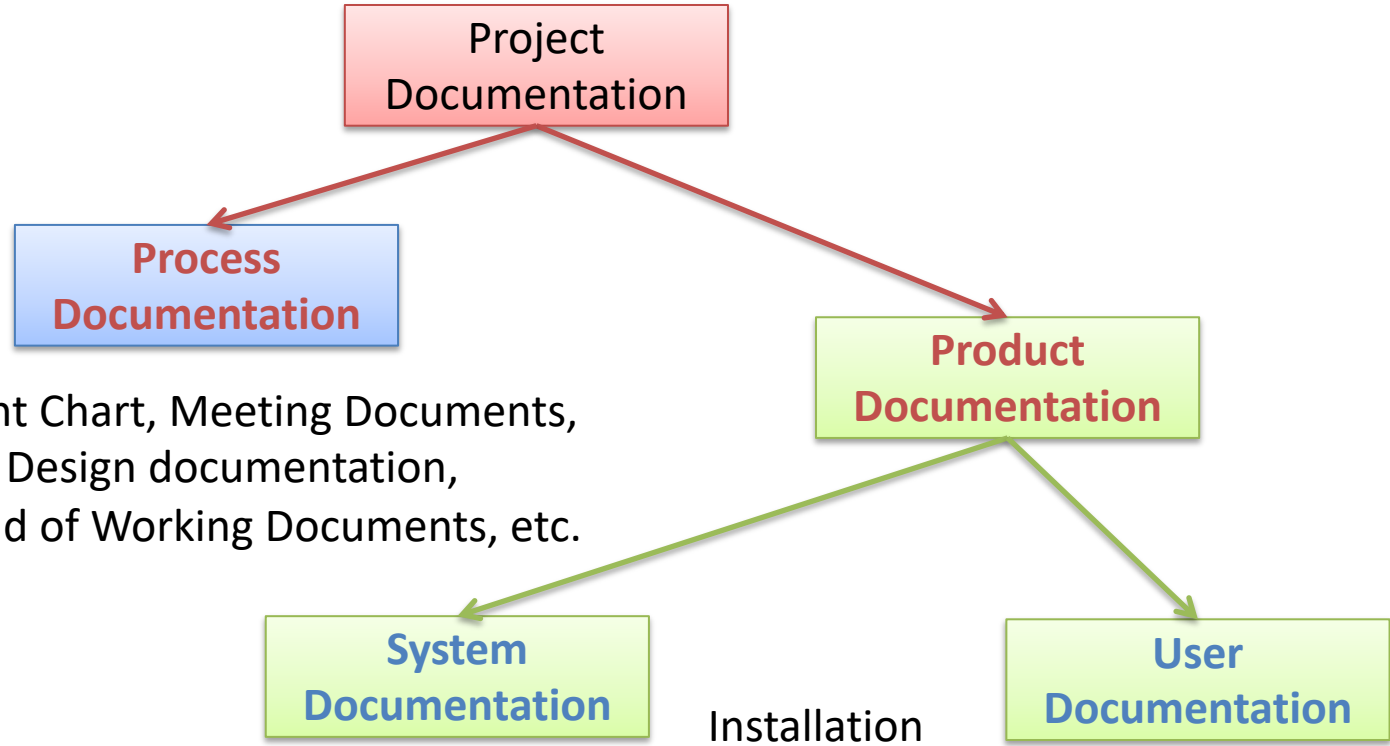
Installation Guides

User Guides

Software installed at Customer
or Setup available for download/DVD

Many documents written by
different people and intended
for different people

Software Project Documentation Categories



Project Plan, Gant Chart, Meeting Documents, Requirements & Design documentation, Emails, other kind of Working Documents, etc.

Technical Documentation needed in order to install and maintain the software, etc.

Installation Guides

User Manuals, Wikis, Online Help, etc.

Software Delivery Requirements for Team Assignment in Software Engineering Course

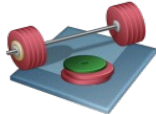
Software Delivery

1. Install/Deploy Software to “Production Environment”
ready for Demo (-> Microsoft Azure)

2. Web Page

- Presentation/overview of the Software Product (Text + Images)
- Downloadable **Documents (PDFs)** (Hyperlinks), SDP, SRD, STP, ...
- Downloadable **Software** (Installation Files) and/or link to your Software hosted in Microsoft Azure
- Videos (links or embedded videos)
- Link to Azure DevOps Project
- Other relevant information/resources

Web Site Example



Create a similar Web Site for your Product

Presentation (Figures and Text) of your Software Product

Note! We should use only HTML (not ASP.NET! – because the Web Server we are using at school dont support it).
In addition you may use JavaScript, CSS, PHP

Documents and Software available for download (Hyperlinks)

Weather System

The Weather System ...

ambient weather

6:25 PM 47% 48%
Direct 5.4TH
0.7 24h 4.12
31.27 4.12
82.2°F 89% RH
27.0°F 51% RH

Documents

- Software Development Plan
- Software Requirements & Design

+++

Link to Azure Web Site

Videos

SDP, SRS/SDD, STP, Test Documents, System Documents, User Guide(s), Installation Guides(s)...

“Final Report”

“Chapters” and
“Appendices” in
the “Report”

Note! For “Read-
only” Documents:
Use PDF Format

Description and Picture(s) of System

Demo: [Link to Azure Web Site](#)

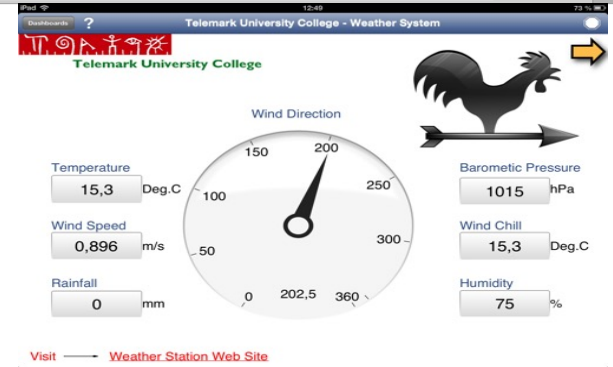
[Link to Azure DevOps Project](#)

Documents/Videos:

- [Software Development Plan \(SDP\)](#)
- [Software Requirements and Design \(SRD\)](#)
- [Software Test Plan \(STP\) + Test Documents](#)
- [System Documentation](#)
- [User Guide\(s\)](#)
- [Installation Guide\(s\)](#)
- ...

Files:

- [Installation Files.zip](#) (If you have a Desktop App)



Files needed to install the System.
How to install is explained in the
Installation Guide(s)

Documentation Delivery - Recommendations

Examples of different Documentation:

- **Process Documentation**
 - **Development Plan (SDP) (#1)** (with Gantt Chart, Resources, etc.)
 - **Requirements & Design Document (SRD) (#2)**
 - **Test Plan (STP) (#3)** (how to test, etc.) & **Test Documentation (#3b)** (Test results, etc.)
- **Product Documentation**
 - **System Documentation (#4)**
 - How the System Works (Technical), i.e., use the Requirements & Design as base.
 - Requirements & Design is about how it should be, while System Documentation is about how it became
 - Includes Technical Design and Platform Overview, Database Diagram, UML diagrams, CAD drawings, Code Documentation, Flow Charts, with explanations, etc.
 - How to deploy (how to install server-side logic), maintain, etc.
 - User Documentation
 - **Installation Guide (#5)** (you may include it as part of User Manual and/or System Documentation)
 - **User Manual(s) (#6)**

Documents

The Documents should have the Quality of Technical Engineering Documents



Tips

- **The contents of the weekly assignments reflect what is important with regards to the assessment and grading**
- Pretend that this is a real software project and not a school project. This means that you should not write “This is a school project...”, “We learned a lot...”, etc.
- The different documents should be written for an imaginary Customer in mind (not the teacher)
- Have the Customer in mind







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