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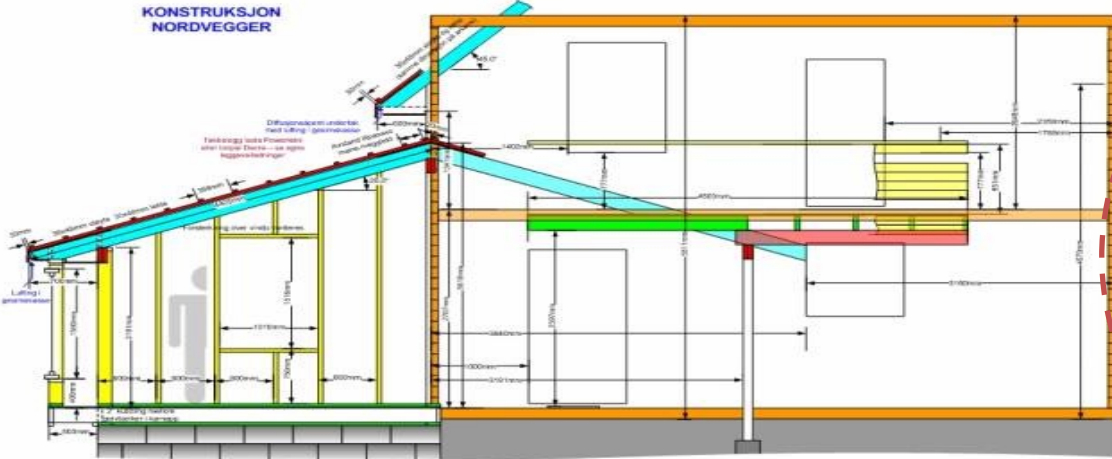


# Alpha Release

Iteration/Sprint 1

Hans-Petter Halvorsen

# Requirements/Design



Plans made and approved

Alpha



Foundation finished, building structure started  
A "proof" that you can do it, PoC (Proof of Concept)

Beta



Building structure finished,  
Inside work on track

RC



Furniture, Flowers and small  
adjustments missing

RTM



Ready for Sale or Move in

# Finishing the Alpha Release

**1. Documents:** The following Documents should be “finished”:

These are the minimal Requirements for the Alpha Release

- Software Development Plan (SDP)**
  - Product Description, Team Description and Project Organization, Gantt Chart, Tools and Templates, etc.
- Software Requirements and Design (SRD)**
  - System overview, System and User Requirements, **Functional and Non-Functional Requirements**, **GUI Sketches**, **ER diagram**, **UML** Diagrams
- SDP and SRD can easily be found in Microsoft Teams, and you have made a good folder structure

**2. Software/Programming:**

- Latest **Visual Studio** has been installed
- Tables Implemented in **SQL Server** (on everybody's Development PCs) – Generated from erwin Script
- You know how to **Communicate with your SQL Server Database from C#** Code (You have made a small examples to for storing and reading data from the database used in your project)
- Database API**. You have made one or more common Views/Stored Procedures that can be used by all the application. Sql scrips are in Azure DevOps
- You have started to use/made some **ASP.NET** (or WinForm) Database Communication (e.g., “Hello World App”, basic CRUD App, PoC, etc.)
- You have created **Classes** and Methods (according to the UML diagrams) - not the contents in the Methods, just the Names/declarations
- ALL Team Members have installed MS Project (or similar), erwin, SQL Server, Visual Studio, UML software (needed in project and exam!)
- ALL Team Members have started to do some Programming in Visual Studio!
- ALL Team Members have been given a clear responsibility (e.g., a separate module or application) when it comes to Programming!

**3. Azure DevOps** (An Azure DevOps Project has been made + give access to HPH):

- A good Folder structure has been made + Iterations (Alpha, Beta, RC, RTM). Make sure to have a good structure in Microsoft Trams as well
- Product Backlog** has been made (A List of Requirements for your System) in Azure DevOps
- ER Diagram**, **Database Scripts**, etc. have been uploaded/Checked-in into Azure DevOps
- PoCs/Code Examples/Prototypes have been uploaded/Checked-in + Same with Database Scripts (Tables, Views, Stored Proecures)

**4. Project Web Page**

- A simple **HTML Web Page** with an Introduction (Text and Figures) + Links to SDP and SRD (PDF) +++ (work next week)

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