

Project X High Level Design

From HVWiki

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Purpose

This is the purpose section of the HLD. It contains a description of what the client wants.

This usually involves restating the objectives from the client's language into something closer to software modeling. For example, there may be any number of the following diagrams (with descriptions):

- UML use case diagrams

This section may also contain user stories or related explanations.

Use Case 1

Here is a description of the first use case.

Use Case 2

Here is a description of the second use case.

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Form

This is the form section of the HLD. It contains a description of what system is.

This usually involves any number of the following diagrams (with descriptions) showing the structure of the system:

- UML package diagrams
- UML class diagrams
- UML collaboration diagrams
- UML component diagrams
- UML deployment diagrams
- block diagrams
- Any other appropriate diagrams expressing behaviour

The system is made up of the classes listed in the class diagram:



The classes are together used for...

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Behaviour

This is the behaviour section of the HLD. It contains a description of what the system does.

This usually involves any number of the following diagrams with descriptions:

- UML collaboration diagrams
- UML sequence diagrams
- UML state charts
- Any other appropriate diagrams expressing behaviour

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Performance

This is the performance section of the HLD. It contains a description of how effectively the system performs its duties.

This usually involves any number of the following diagrams with descriptions:

- UML sequence diagrams
- Any other appropriate diagrams expressing behaviour or timing

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Data

This is the data section of the HLD. It contains a description of the information in the system and its interrelationships.

This usually involves any number of the following diagrams (with descriptions):

- UML class diagrams
- tables
- block diagrams
- Any other appropriate diagrams

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Managerial

This is the managerial section of the HLD. It contains a description of the process by which the system is constructed and managed.

This section is usually pretty short and refers to other documents that describe how the company develops software. Special customizations or options chosen to develop the project are written here. Any process exceptions or other unusual changes are also documented in this place.

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