Distributed Software Development
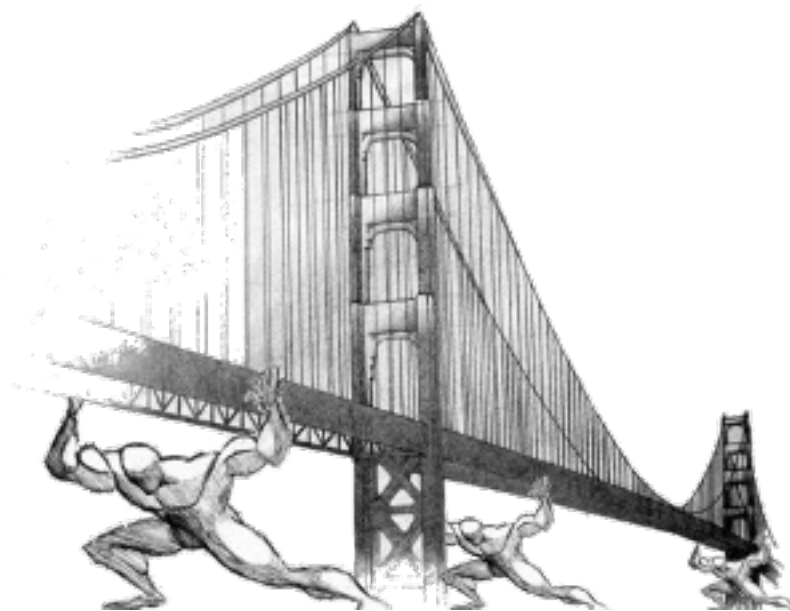
The Development Group

Real-Time Bridge Monitoring Status Report
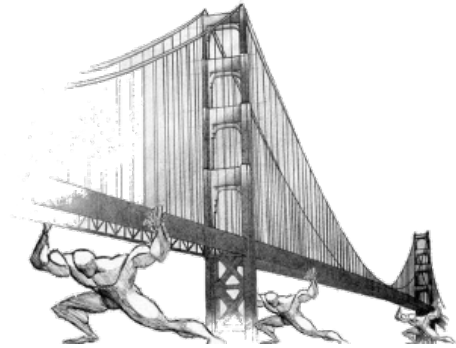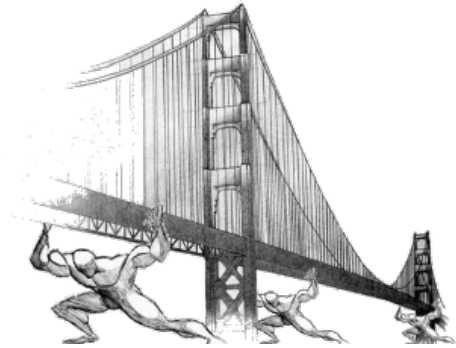
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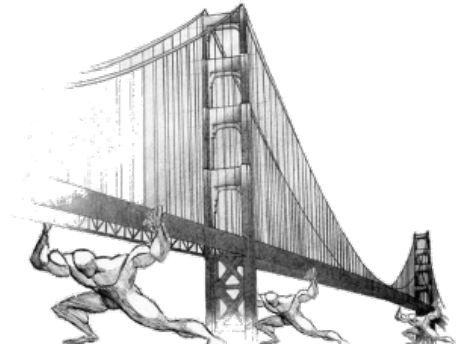
Overview

- **Team Organization**
  - The Development Group
  - Updated Roles

- **Project Status**
  - Actual Project Plan
  - Actual Architecture
  - Some API Diagrams
  - Some Sequence Diagrams

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Overview

- Meetings
    - Group meetings
    - Customer meetings
    - Supervisor meetings

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Team Organization

- ## The Development Group

Andrea Bottoli (PoliMi)   Lorenzo Pagliari (PoliMi)   Marko Brčić (FER)   Ghazal Shojaee (PoliMi)
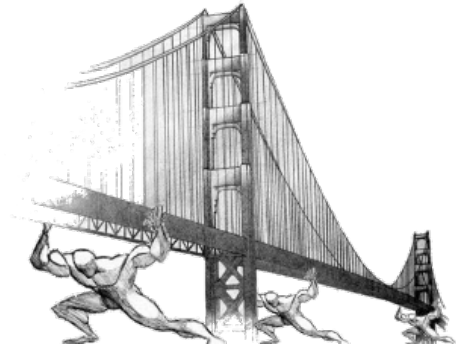
Dzana Kujan (MDH)   Jörn Tillmanns (MDH)   Miraldi Fifo (MDH)   Nikola Radisavljevic (MDH)
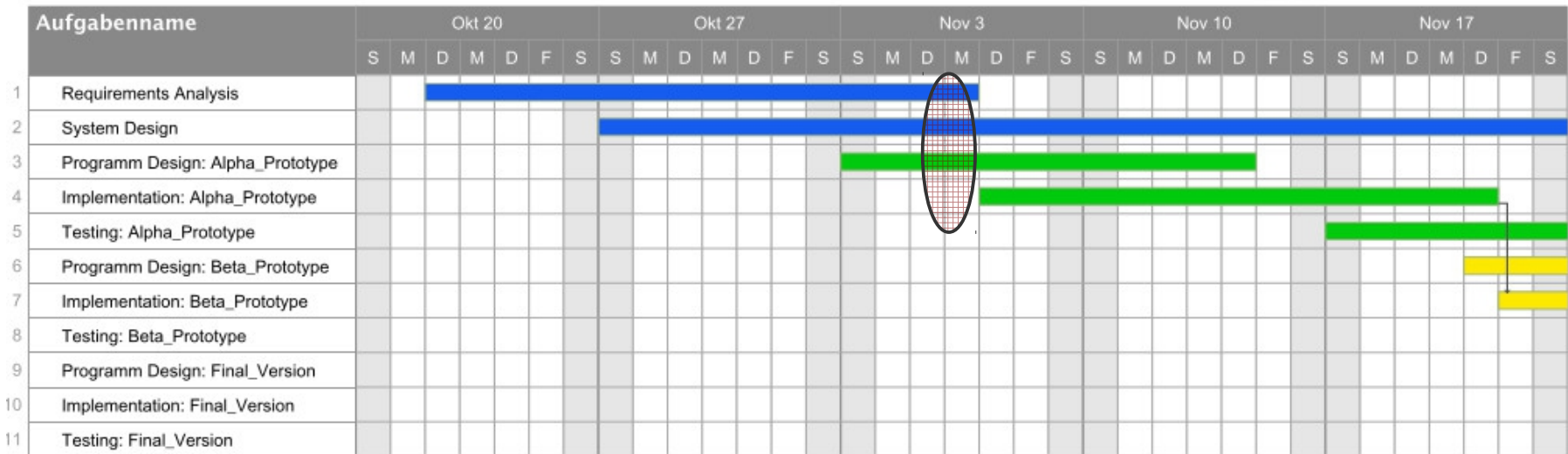
Team Organization

- ## Updated Roles

Name	Initials	Responsibility (roles)
Andrea Bottoli	**AB**	**Project Manager**
Dzana Kujan	*DK*	*Team Leader*
Marco Brčić	MB	Documentation Manager
Lorenzo Pagliari	LP	Design Manager
Miraldi Fifo	MF	Testing Manager
Jörn Tillmanns	JT	Database Manager
Nikola Radisavljevic	NR	Integration Manager
Ghazal Shojaee	GS	Design Manager

Project Status

- **Actual Project Plan (I)**
  - Where we are

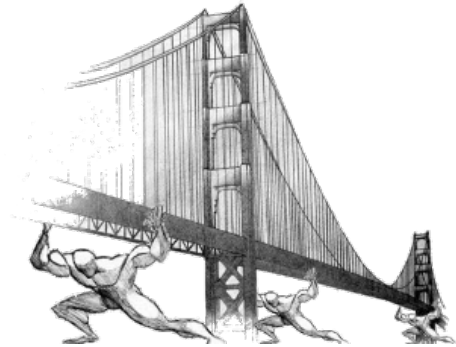| Aufgabenname		Okt 20						Okt 27						Nov 3						Nov 10						Nov 17					
	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S
1	Requirements Analysis																																			
2	System Design																																			
3	Programm Design: Alpha_Prototype																																			
4	Implementation: Alpha_Prototype																																			
5	Testing: Alpha_Prototype																																			
6	Programm Design: Beta_Prototype																																			
7	Implementation: Beta_Prototype																																			
8	Testing: Beta_Prototype																																			
9	Programm Design: Final_Version																																			
10	Implementation: Final_Version																																			
11	Testing: Final_Version																																			

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Project Status

- **Actual Project Plan (I)**
  - What we have still to do

Aufgabenname	Nov 24							Dez 1							Dez 8							Dez 15							Dez 22						
	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S
Requirements Analysis																																			
System Design																																			
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Programm Design: Beta_Prototype																																			
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Testing: Beta_Prototype																																			
Programm Design: Final_Version																																			
Implementation: Final_Version																																			
Testing: Final_Version																																			

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Project Status

- ## Actual Project Plan (I)
  - ### What we have still to do

Aufgabenname	Dez 29							Jan 5							Jan 12						
	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S
Requirements Analysis																					
System Design																					
Programm Design: Alpha_Prototype																					
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Programm Design: Final_Version																					
Implementation: Final_Version																					
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Project Status
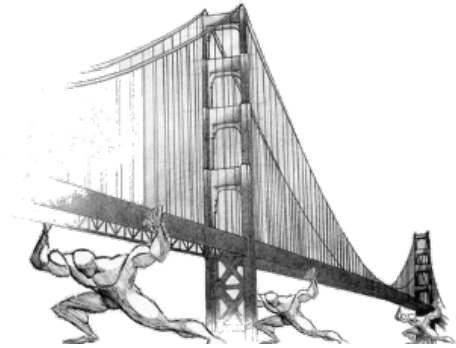
- ## Actual Project Plan (II)

  - ### Modules distribution (persons in charge)

    - Data Access Layer is divided in:
      - DB Layer and Source Layer
    - Math layer is divided in:
      - Parser and Math Engine
    - DB Layer, Source Layer and Parser:
      - Jörn Tillmanns and Marko Brčić
    - Math Engine and Business Layer
      - Andrea Bottoli, Lorenzo Pagliari and Ghazal Shojaee
    - Presentation Layer
      - Dzana Kujan, Miraldi Fifo, Nikola Radisavljevic

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Project Status

- ## Actual Architecture
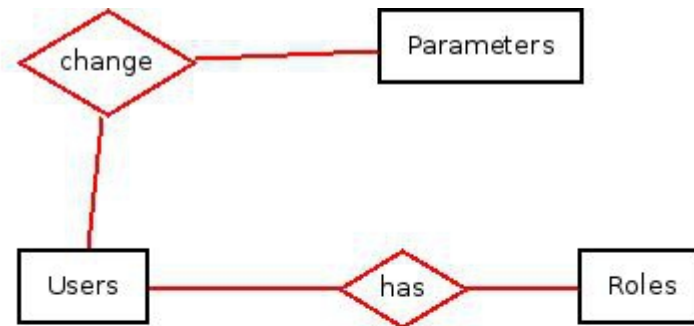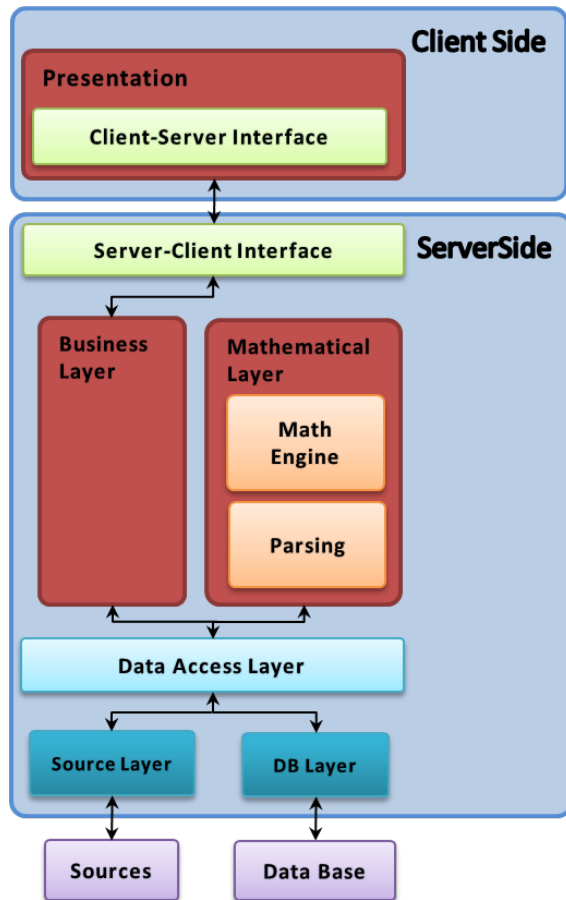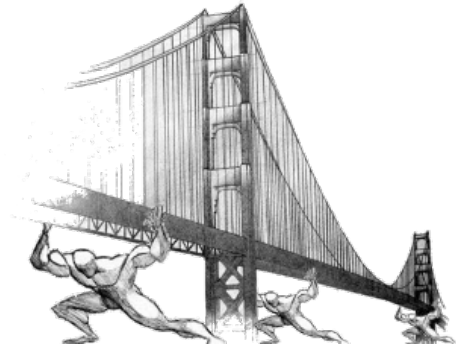
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Project Status

- Some API Diagrams
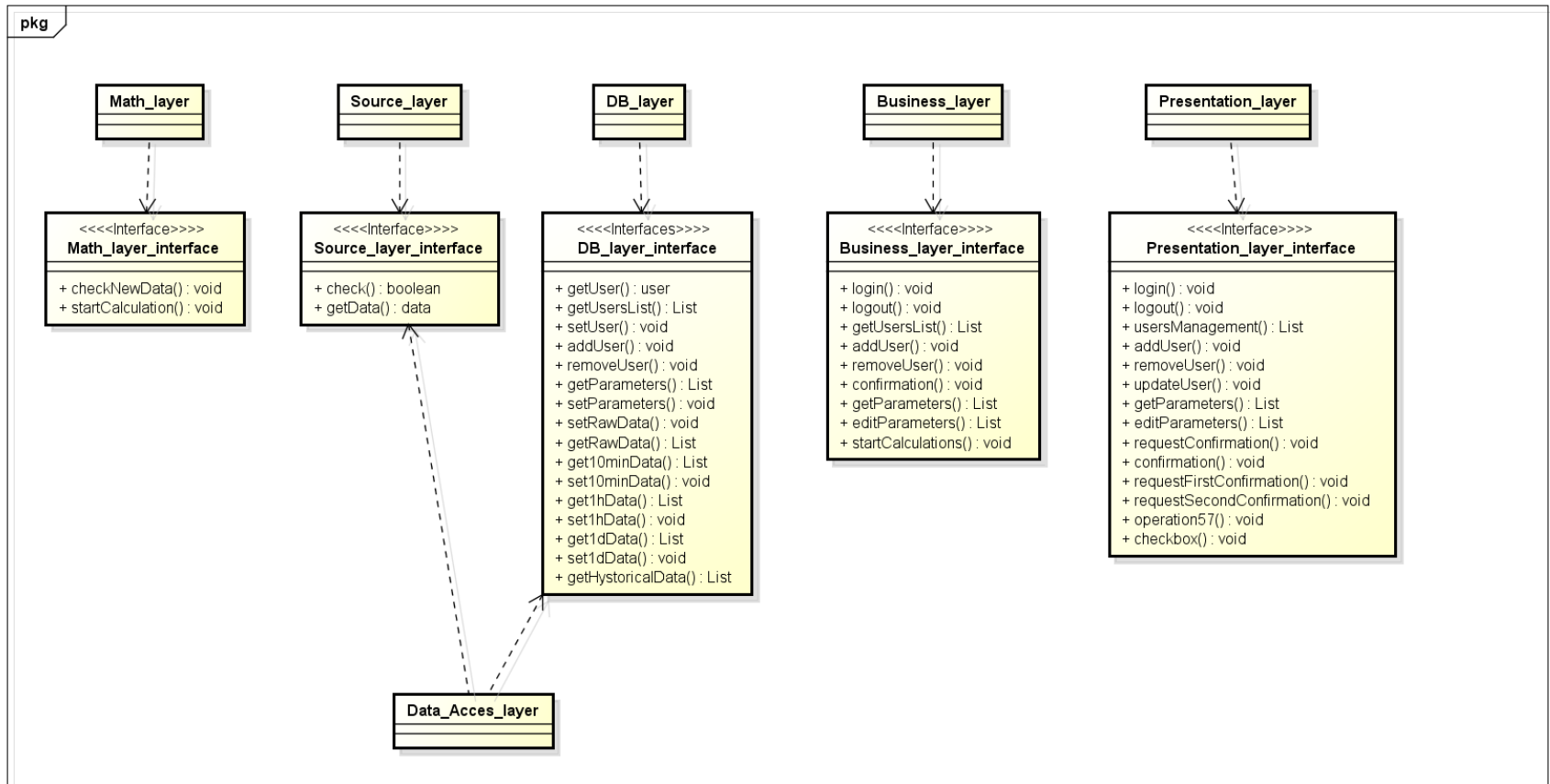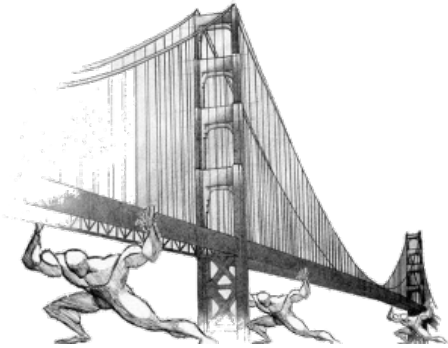
Project Status

- ## Some Sequence Diagrams (I)

  – Parser
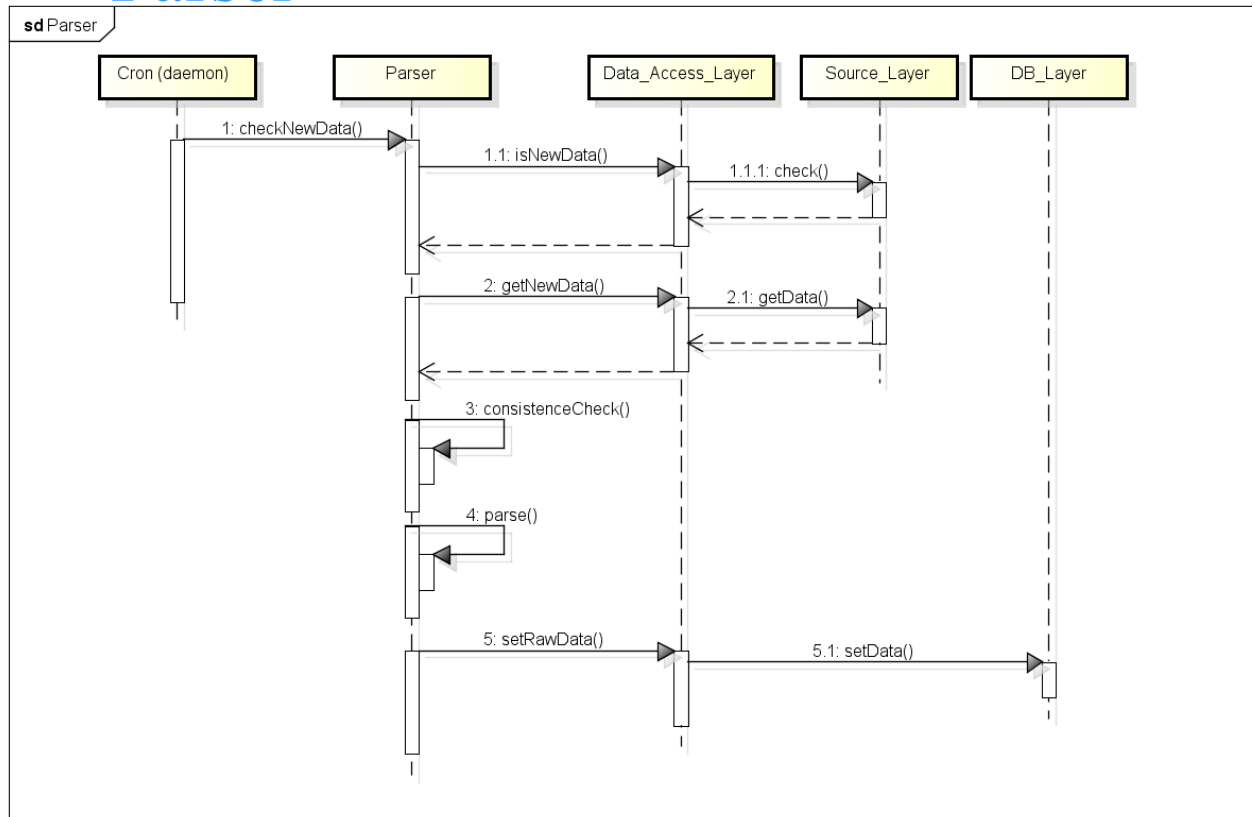
Project Status

- ## Some Sequence Diagrams (II)

  – ### Math Engine
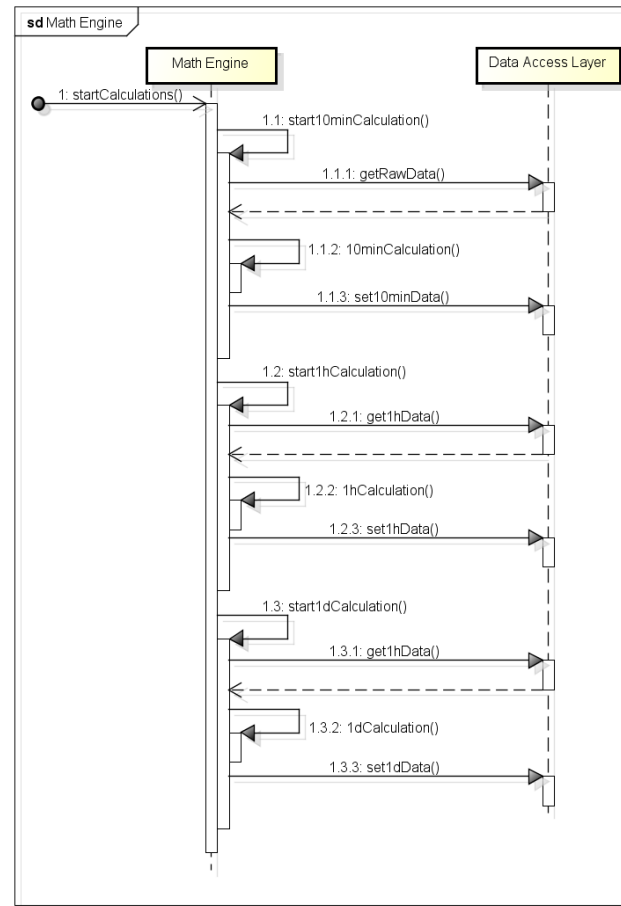
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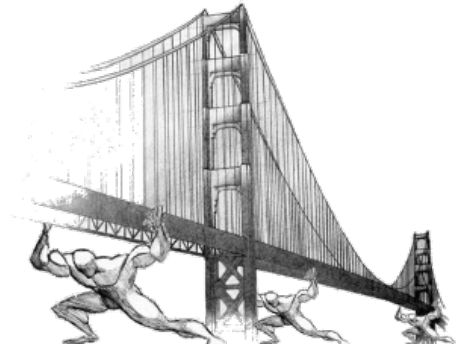
- ## Some Sequence Diagrams (III)

  - ### Change Parameters: operator
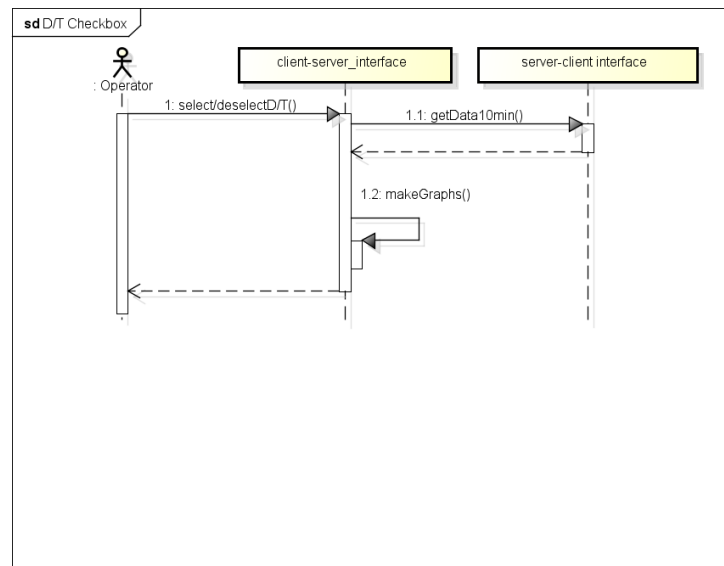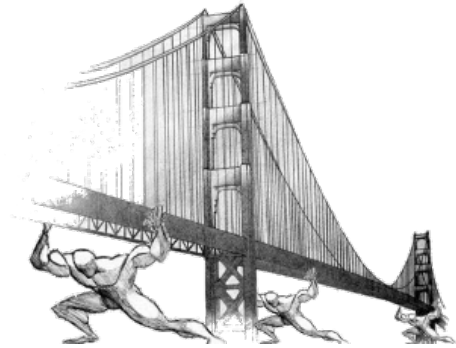
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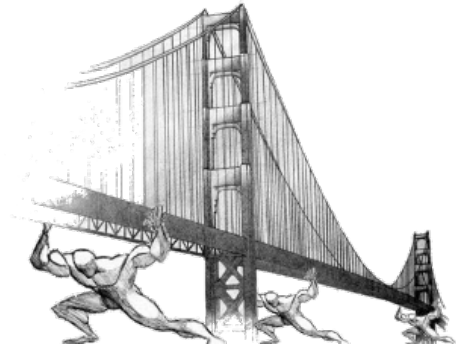
- ## Some Sequence Diagrams (IV)

  - ### Change Parameters: engineer
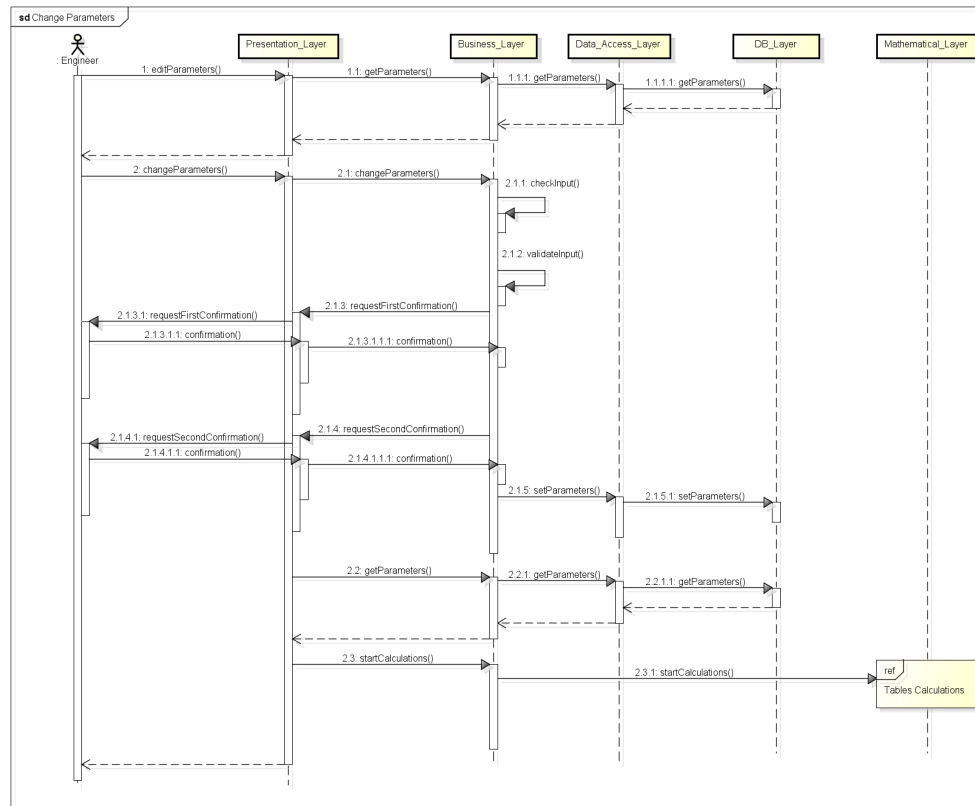
Project Status

- **Some Sequence Diagrams (V)**
  - User managing: add user
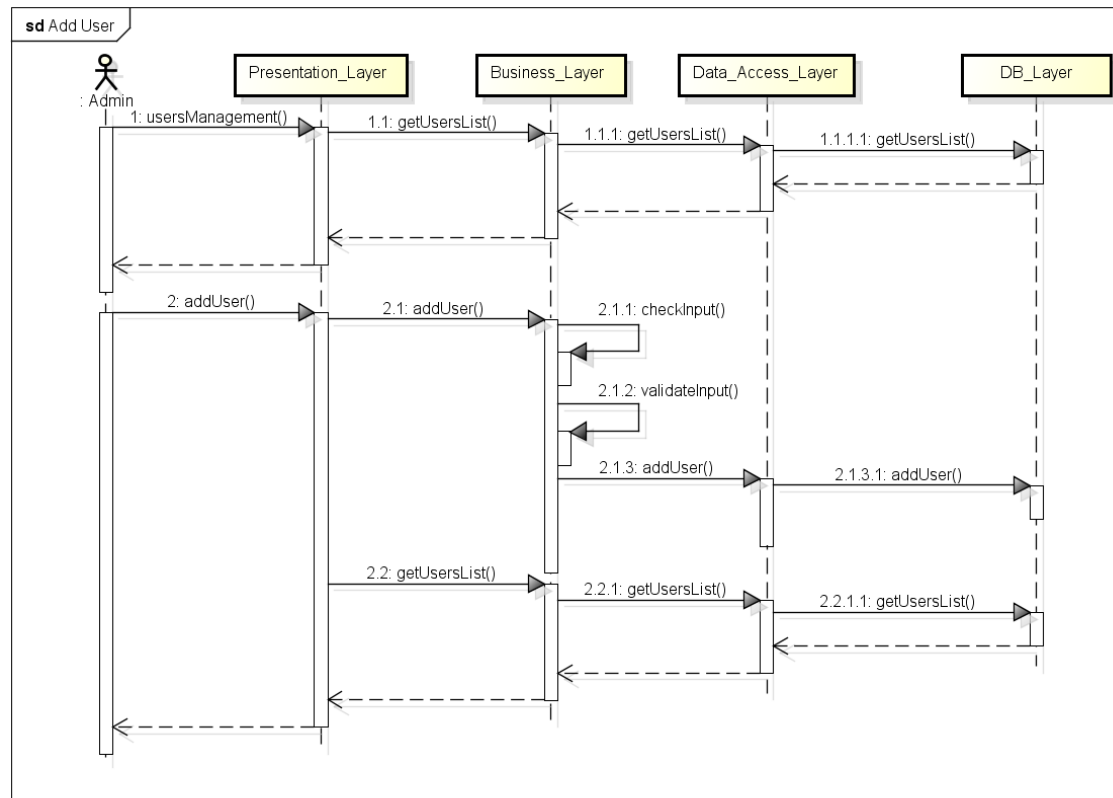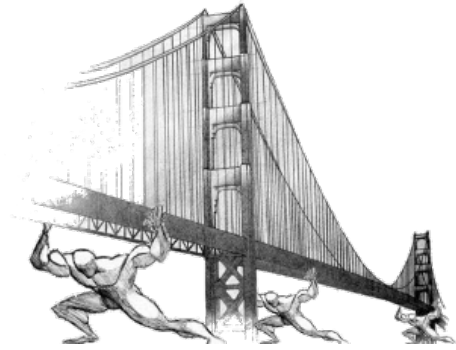
Project Status
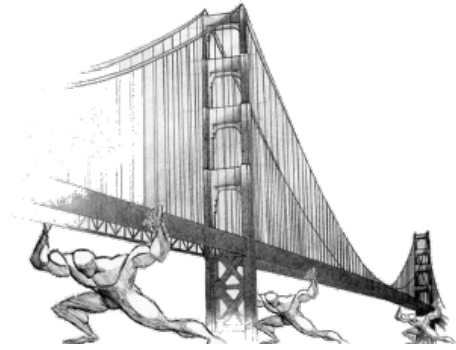
- ## Some Sequence Diagrams (VI)
  - ### User managing: edit user
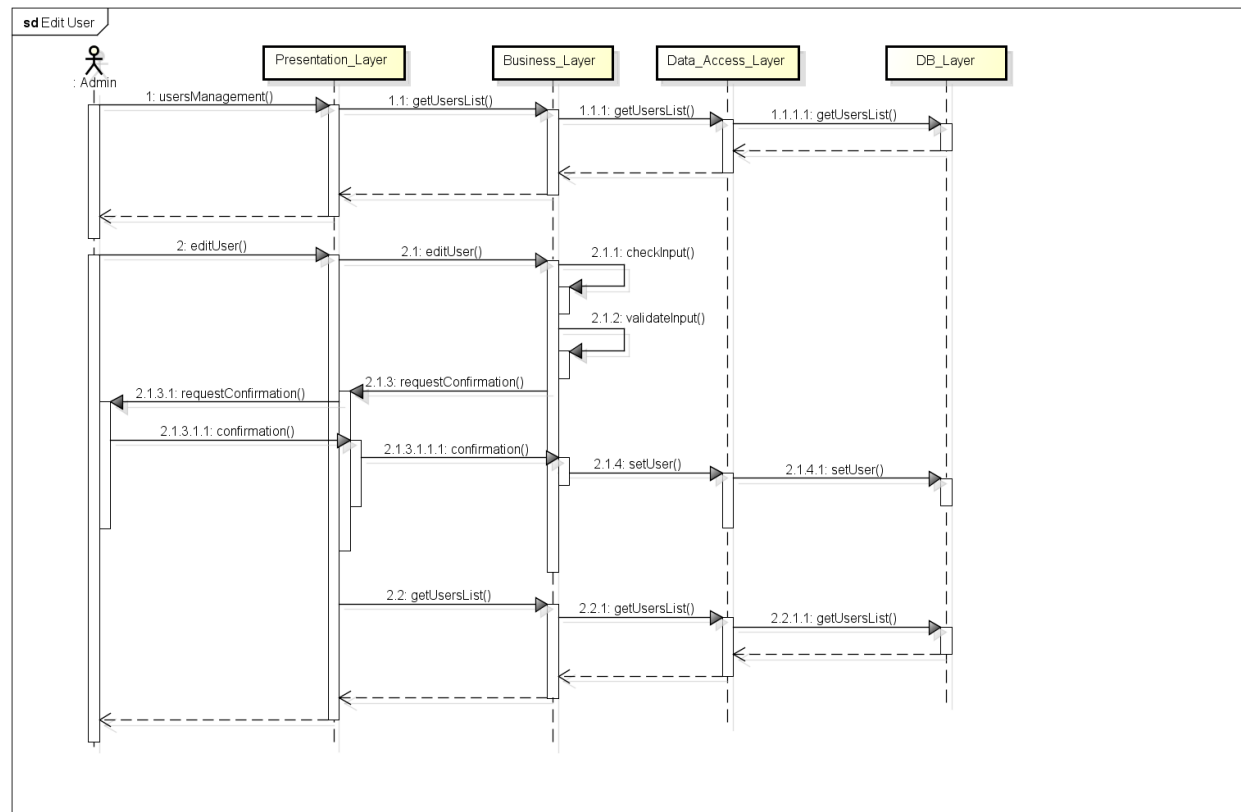
Project Status

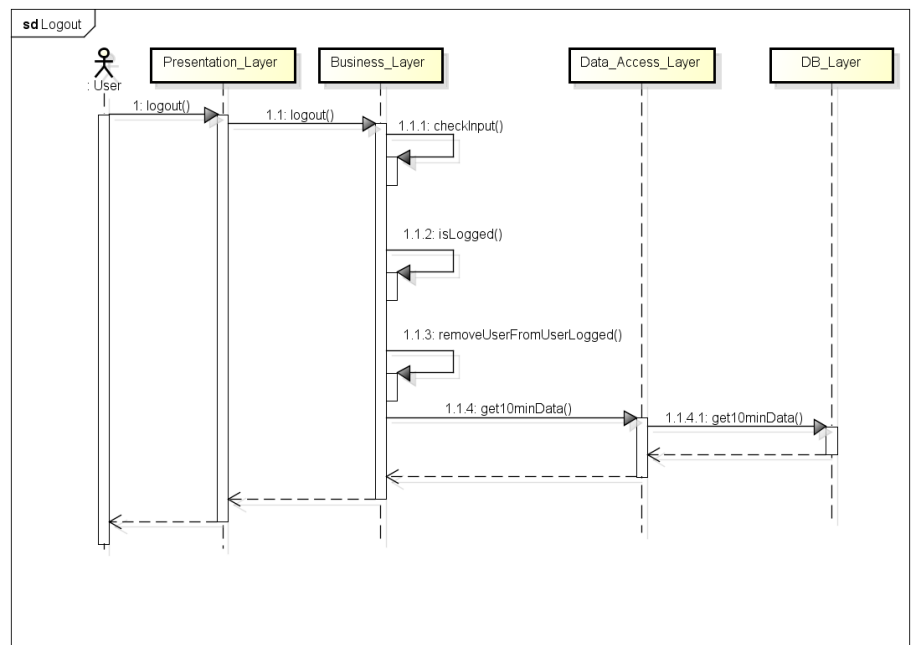- ## Some Sequence Diagrams (VII)

  - ### User managing: remove user
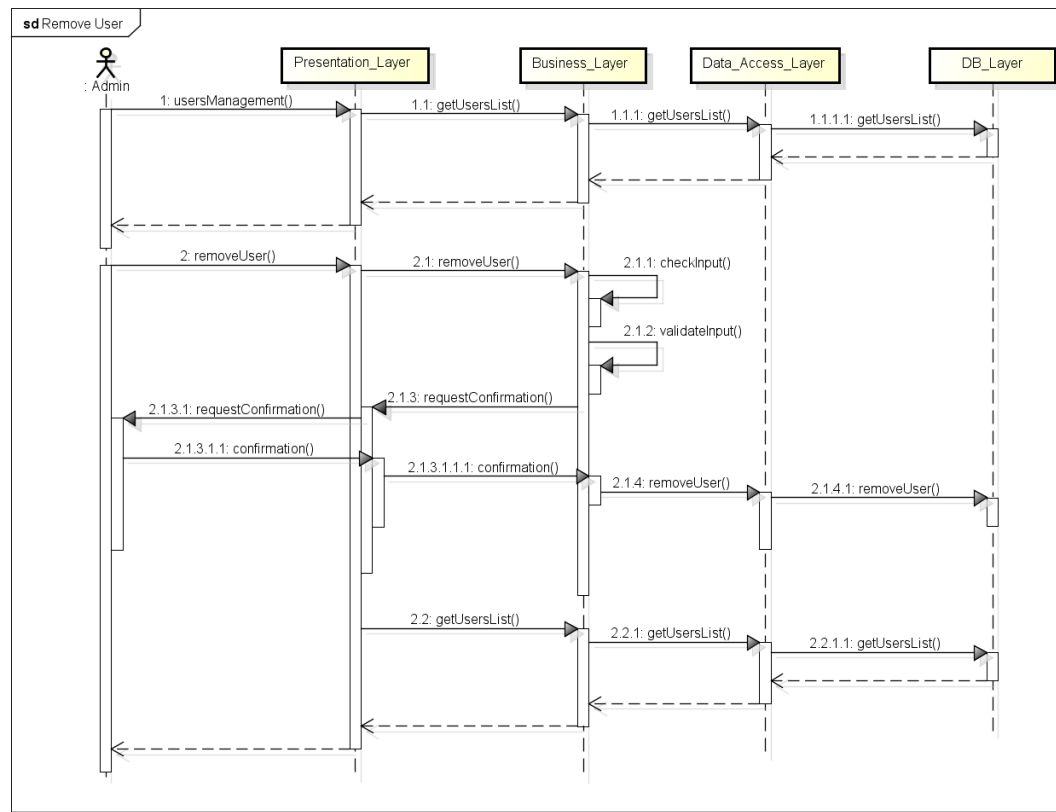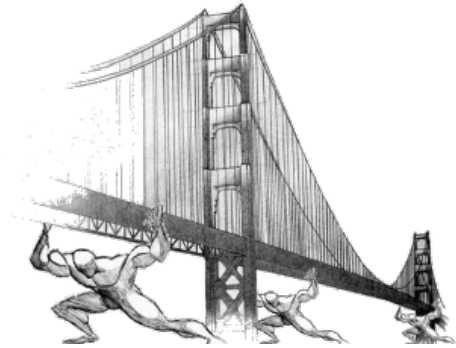
Project Status
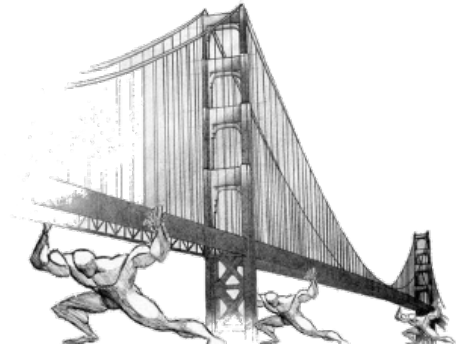
- ## Some Sequence Diagrams (VIII)
 - ### Login & Logout
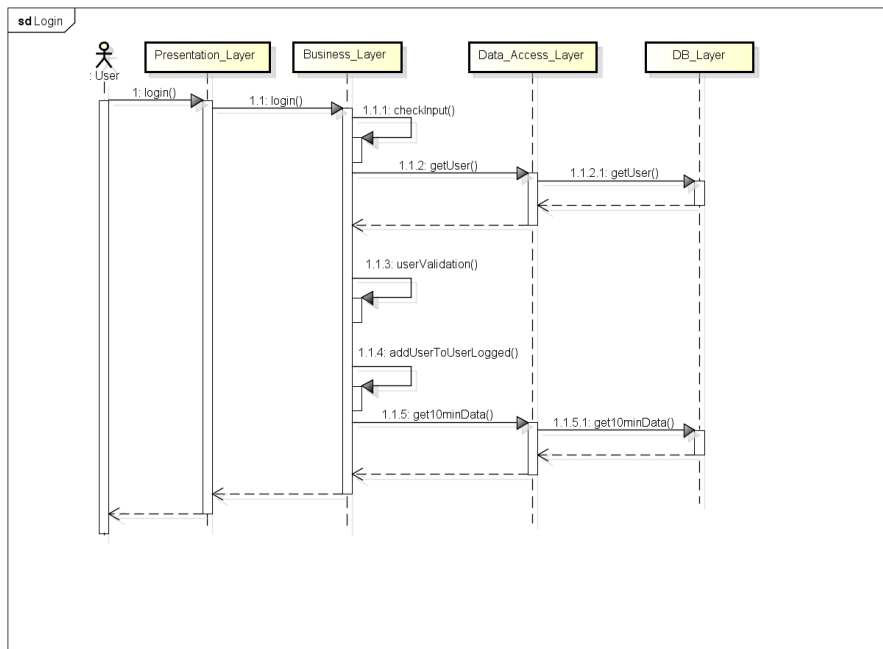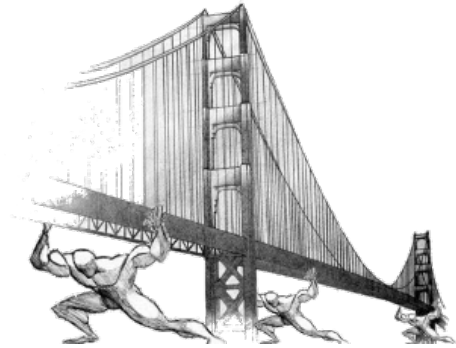
Meetings

- Both chat & video

- Group Meetings
  - Face to face meetings
  - Formally scheduled every Tuesday 7 P.M.
  - Actually, about 3 or 4 every week ;-)
  - 9 Minutes of Meetings

- Project Leader & Team Leader Meetings
  - About every day (during the week)
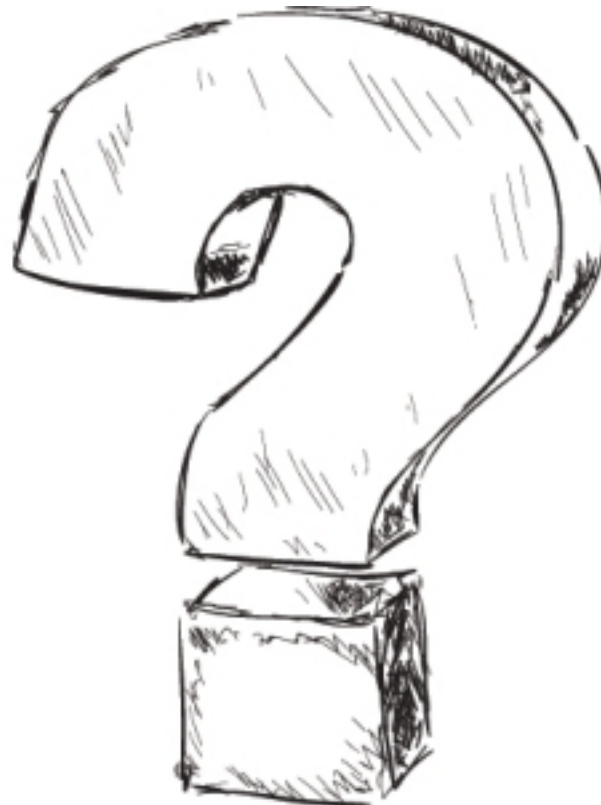
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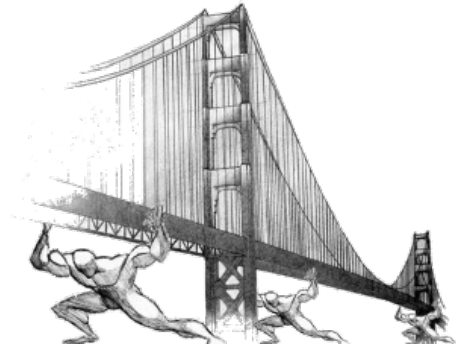
Meetings

- Customers Meetings
  - One every week
    - Project status
    - Customers desires
    - Requirements
  - First one with both customers
  - The others with ing. Crotti

Meetings
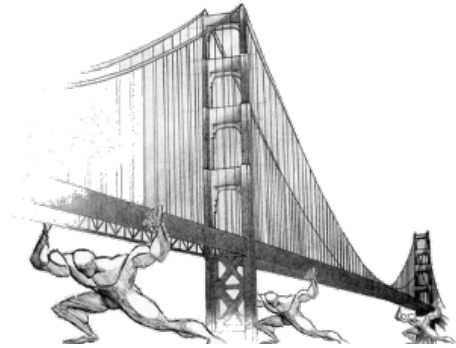
- **Supervisors Meetings**
  - One every week
  - Inform about
    - Project status
    - Group status & managing
    - Report about customer meetings
  - Gather advices
  - Report problems
    - until now, not needed --> no problems ;-)

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Question Time

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Thank You

- Thank you for your attention :-)