

Ask me anything

2 questions
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What's a good (or bad) requirement?

Bad: unclear, unmeasurable requirement

Verifiable

Good: precise and testable

cheap

bad: just list of feature

Bad: The search should be quick.
(e.g.)

bad: vague

a good is a clear one, and one that is achievable

Good: scenarios, use cases

What's a good (or bad) requirement?

bad is: vague, too many features to be achievable,

Good: The search should not take more than 2 minutes, e.g.

functional: what a system should do
non-functional: how the system should do

What's the difference between a functional and a non-functional requirement?

Functional concerns the actual features of the system, non-functional are constraints that come "from outside" of the system

functional: sth that solves a problem
non-functional: a problem

Functional relates to user operations and non-functional relates to system operations.

Functional is something that need to have a Function, a Non Functional is more a Layout or a condition or constraints

Recall the electronic time schedule requirements

“So, basically we need a form for the time schedule that can be distributed by eMail, a place (html) where I can deposit these forms after they have been filled out, and an algorithm that calculates a few possible meeting times, possibly setting priorities to certain persons of each committee (since there will always be some time schedule overlaps). It would also be great if there were a way of checking whether everybody of the relevant committee has really sent their time schedule back and at the same time listing all the ones who have failed to do so. An automatic invitation letter for the committee meeting to all the persons involved, generated through this program, would be even a further asset.”



Who are the stakeholders in this project?

The members of the comitees

The secretary who arranges the meetings

persons of each committee

Comittee, Deans office, people that are participating in the meetings, university

the university

Dean's office

the university who pays for it

I think its will be the Secretarian, that need to do it and the Boss from it(better say that that it pays)

cleaner

Who are the stakeholders in this project?

Software engineers

A committee member logs in and schedules a meeting with a number of participants

What are the possible “use cases” and “scenarios”?

from this scenario on page 6?

Use cases: organize new comittee meeting, send reminder to missing answers, create new comittee member profile, set up new comittee

a person logs in, indicates the possible times for the meeting and logs out

failing to log in

use cases: schedule a meeting

This mail is really vague... use case are: to make a list, that give a meeting time
Scenario is: person A will set his date

Use case: The comitee chair(wo)men wants to schedule a meeting with other comitee members from the faculty

having no meeting time

Functional: In the end a date should be set and everyone should be notified

What are the functional and non-functional requirements?

func: being able to log in
non-func: login credentials must be stored safely

non-func. block user with wrong pw

functional requirement: system should be able to find meeting time where all committee members are available

Functional requirement: create new committee members
Non-functional: only certain faculty members allowed

Functional: Review committee members' agendas.
Non-functional, connection to e-mail server.

functional: be able to schedule a meeting
non-functional: data should not be seen by everyone, but only by the one who schedules the meeting

Functional: Have a date chosen which is best for everyone

functional: is that it generate a meeting point
Non Functional: that the point is on a date at them the most can take a part

functional: several roles (system administrator, user etc.)
non-functional: error rate in finding a meeting time

What are the functional and non-functional requirements?

functional : schedule a meeting
nonfunctional: everyone can only register
once

What is the goal of the system? (What should it optimize?)

make dean obsolete

Facilitate the organization of committee meeting, that is, finding a date

make the finding more reliable

reduce time spent trying to schedule a meeting by hand with in person asking, filling out dates on paper

Stop doing the process manually, save time and avoid scheduling conflicts.

amount of regular users

Automated meeting scheduling

simplify the process of finding a meeting time in terms of reduced time

Are there any obviously missing requirements or use cases?

Safety of data

How long should it take to be ready?

amount of regular users

who is able to see what others answered

who/what is the host

Should the system always give a meeting time or only if everyone is able to join?

What are the limits to scheduling (conflict handling, error rate)?

the new potential members

Book Club

Béatrice, Ursula, Carlos and Hamid want to start a book club.

They all like to read physical books, but books are expensive, and libraries don't have the books they like to read. They want to start a book club of readers with similar interests who would be happy to lend or trade books.

...

<https://docs.google.com/document/d/1D4OUGbXkPCsLnx7nrKJAP04PJZUxx2zbU2laE2AG4Y4/edit>



Who are the stakeholders in this project?

the members of the book club

adding a book

What are the possible “use cases” and “scenarios”?

share a book

search a book in the list

adding a book

Use case: add new book to reading list

Add a new book

Ask for a book

Track book, create user.

invite new member

adding a new member

What are the possible “use cases” and “scenarios”?

recommend a new member

Contact member

contact another member

delete account

not finding a suitable book

Scenario: book not found

delete a book one is not willing to lend anymore

scenario: untracked book

reserving a lended book

What are the possible “use cases” and “scenarios”?

fail to login/set new password

What are the functional and non-functional requirements?

functional: be able to enter books owned by the user

non-functional: which data from the users is visible to the other users

Functional: connection with other platforms. Non-functional: Technical requirements to make this connection.

Non-functional: only books under 500 pages should be added to reading list

non func. interoperability between the existing software

Functional: searchbar for books
Non-functional: protect from sql-injection

What is the goal of the system? (What should it optimize?)

no new software

non:

Logging the books

they want to lend books and not buy everyone

Create a network with existing tools.

share books

make it easy to track books lent to others

Are there any obviously missing requirements or use cases?

Who is managing the database/members?

How is the book going to be scraped, with any technology?

should ebooks be included

How do the books go back to the owner? Or are they staying at the person who lent it?

how exactly should existing platforms be incorporated in the new software

uptime

nothing about the different devices is mentioned...should it be mobile friendly?

Last chance for questions