Software project description
Generic template

# **How to use the document** *(for students)*

Copy this document and fill in required sections. Cooperate with your supervisor on the project description. Print the document and have it approved (signed) by your supervisor and one member of KSVI Project Board different from the supervisor (see the [Rules](https://docs.google.com/document/d/1uX8ZP5NDHpx9T_cId1uZhyBR21htudiFzVmXkHSsBw8/edit?usp=sharing)). Note that both persons might have objections to your description and might require you to adapt it a bit. Completed document (including signatures) should be in the end scanned and sent to the [KSVI Project Board](https://docs.google.com/document/d/1PsY5-6JFFqXjjbUD24gSTWDT-ciCvwS2eLwR4lf3rIY/edit?usp=sharing) <projekty@ksvi.mff.cuni.cz>; keep your copy while leaving the original with your supervisor. Note that if you are unable to find a member of KSVI Project Board to approve your project, you can send the scan without the final signature (do not misuse this).

# Name of the project

*Provide the name and shortcut of your software project.*

# Project abstract

*Provide high-level description of the project, keep it brief. As a limit, state your motivation and the goal of your project. Limit: 800 characters.*

# User/(Non-)Functional requirements

*Provide a list of core user/(non-)functional requirements on your projects. See this* [*guide*](https://www.nuclino.com/articles/functional-requirements)*. Keep it* ***high-level****, no need to be overly specific but you need to show the expected complexity of your project. As a rule of thumb, you should have 5-10 elements in here. Number the requirements, see the example below; follow the structure of the example in all your user/function requirements. Each user story can be of type required or optional. Note that the numbering of requirements is required!*

1. *(User story)* I want to be able to log into my account.

Type: Required / Optional

* 1. Users can log into their account by entering their email and password.
	2. Users can log in with their Google accounts.
	3. Users can reset their password by clicking on "I forgot my password" and receiving a link to their verified email address.

# Milestones

*Provide a list of milestones and anticipated date of their completion. Note that these serve mainly for you to keep an eye on the status of your project. It is a good idea to check these milestones semi-regularly and update their expected date of completion based on current status and pace. If, for example, your milestone gets overdued, it is a bad sign you should reflect on with your supervisor and may be the time to cut down the scope of your project (this must be approved by your supervisor!). The text below is just an example you should adapt.*

**Milestone 1 - Detailed specification - Deadline: End of project month 1**

We will investigate the task, check on available libraries and framework that should help us to implement the project. The general architecture will be drafted and we will detail functional requirements for all user stories mentioned by the Project Description document.

**Milestone 2 - Prototype version - Deadline: End of project month 3**

Initial prototype covering the X, Y, Z user stories will be implemented as a proof of concept.

**Milestone 3 - Alpha version - Deadline: End of project month 5**

Alpha version covering X, Y, Z user stories will be implemented and will already exhibit the cornerstone functionality of the project.

**Milestone 4 - Beta version - Deadline: End of month 7**.

The Beta version covering X, Y, Z user stories as well as improving on A, B, C user stories. The project should already be usable at this state even though with rough edges.

**Milestone 5 - Final product - Deadline: End of month 9**

The final project covering all user stories ready for delivery. The “[Software project result](https://docs.google.com/document/d/1l_XAWhwvdadl0AMFOjJu-fXnPRCB2EcnI42o6P17CNU/edit?usp=sharing)” document is filled for the project.

# The Team

*Enter the name and contact information of your supervisor as well as all team members.*

**Supervisor**

Full name:

Email:

**Students**

| **Full name** | **Field of study** | **Email** | **Signature** |
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**Main contact**

*Appoint a (student) team member who is the main contact of the team; fill in their full name.*

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# Approval

**Supervisor**:

Place:

Date:

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 SIGNATURE

**KSVI Project Board member:**

Place:

Date:

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 SIGNATURE