



**FACULTY  
OF INFORMATION  
TECHNOLOGY  
CTU IN PRAGUE**

## Assignment of master's thesis

**Title:** Meme generator  
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**Supervisor:** Ing. Michal Valenta, Ph.D.  
**Study program:** Informatics  
**Branch / specialization:** Software Engineering  
**Department:** Department of Software Engineering  
**Validity:** until the end of summer semester 2024/2025

### Instructions

The goal of the thesis is to design, implement and test a tool for generating captioned memes from manageable templates.

1. Research existing meme generators.
2. Design and implement:
  - a. an application for managing meme templates, including graphical and layout configuration (e.g. font settings and placement) in a graphical user interface;
  - b. an application for generating memes via parametrization of existing templates.
3. Test both applications using functional tests and conduct usability testing.

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*Electronically approved by Ing. Michal Valenta, Ph.D. on 2 January 2024 in Prague.*