**VILNIUS UNIVERSITY**

**KAUNAS FACULTY**

**Design stage OKR plan**

Documentation

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**File description**

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***Type***: OKR plan for Design development stage

**Design Stage OKR plan:**

Objective 1: Create Graphical Representation of IS Structure and Functionality

* Key Result 1: Complete UML Use-Case diagram
* Key Result 2: Create UML Sequence diagrams  
  Tasks: Create "Log In", "Register", "Change Personal Data" and "Create Post" UML sequence diagrams.
* Key Result 3: Create Volere templates.  
  Tasks: Create "Log in", "Registration", "Manage profile" and "Create Posts" Volere templates.

Objective 2: Design a User-Centric and Intuitive Interface

* Key Result 1: Complete wireframes and interactive prototypes for main chat/forum functionalities.  
  Tasks: Use design tools (e.g., Sketch, Figma) to create wireframes.
* Key Result 2: Conduct usability testing on the interactive prototypes to identify and address user experience issues.  
  Tasks: Distribute testing roles between team members, conduct tests, analyze results.
* Key Result 3: Develop a style guide and design system for consistent user interface elements.  
  Tasks: Define typography, color palette and UI components

Objective 3: Enhance Security and Privacy Features

* Key Result 1: Implement end-to-end encryption for user messages to ensure data privacy.  
  Tasks: Research encryption libraries, integrate encryption algorithms and identify vulnerabilities.
* Key Result 2: Design a robust user authentication and authorization system to prevent unauthorized access.  
  Tasks: Implement secure authentication methods and set up access control mechanisms. Regularly audit user permissions.