

TALLINNA TEHNIKAÜLIKOOL

School of Information Technologies

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Client-Translator Searching Web App

Distributed systems project

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Author's declaration of originality

I hereby certify that I am the sole author of this thesis. All the used materials, references to the literature, and the work of others have been referred to. This thesis has not been presented for examination anywhere else.

Author: Fjodor Sekajev

[dd.mm.yyyy]

Table of Contents

Author's declaration of originality	2
Introduction	4
Overview	5
Visual Representation	6
ERD	8

Introduction

Living in a world with so many different languages, it is quite a common situation, when people might need a translator. There are some online AI translators, but the results they provide might be untrustworthy. Nothing can translate human than another human.

The goal of this work is to create an application where clients will be able to find qualified translators for the work they need.

As part of this work, the author will create an ERD schema, a database, and application layers based on the lecturer's wishes.

There are three components to the coursework: the documentation (the given document), the ERD schema, and the source code for the application.

1. Overview

The system is aimed at clients, looking for suitable translators and translators, looking for work that matches their interests.

The user can register both as the client and the translator. As the client, the user chooses what languages the work contains, what kind of work is required (text translation, audio or video file translation, transcription, or both), the size of the work (pages, minutes of the file), time to complete the work, and the price the client is willing to pay for the job done.

As the translator, the user uploads the official certificates they have and the languages they can work with. The translator can browse available works, using necessary filters to find the job that suits them. They contact the client and start working together, agreeing on the details. After the job is done, the client leaves the review which is shown on the translator's page.

Visual Representation

Welcome to Translators Den!

Find translators easily!

Log in

Register

Register as

Client

Worker

My Worker Page

Edit profile

First Name: John
Last Name: Welles
Languages: English
Spanish
Latin

Look for a New Work

Previous Works

My Client Page

Edit profile

First Name: John
Last Name: Welles

New Work

Previous Works

Register as Worker

First Name

Last Name

[Add Certificates](#)

[Register as Worker](#)

New Work

Work Type:

Work Size: Pages

Estimated Pay: Euros

Deadline:

Languages: From: To:

[Post this work](#)

Register as Client

First Name

Last Name

[Register as Client](#)

Browse Works

[Filter](#)

Work Type:	Work Size:	Estimated Pay:	Deadline:	Languages:	
Translation	12 pages	36 Euros	12 October 2025	Estonian to Russian	Apply
Video transcription	8 minutes	20 Euros	16 September 2021	English	Apply

ERD

ERD

