

WorkerLink documentation

Aim of the document

This document shows the functionality, structure and operation of the stand-alone software 'WorkerLink'.

Overview of the defined system

WorkerLink is software designed for workers and people in need of a craftsman.

WorkerLink gives workers the possibility to create their own profile where they can enter the municipality where they work and where they can provide days and times when they are available for appointments.

Furthermore, workers can decide whether to accept or reject appointment requests received from users.

They can also edit or remove appointments they have already entered.

WorkerLink gives non-working users the possibility to search for the worker they need by searching for profession and municipality where the work is needed.

In addition, the non-working user can delete an appointment request if they no longer need it before it is accepted.

Operation settings

Workerlink requires a JVM installed on one's device, an internet connection and its system to function uses a database where user and worker data are stored.

Related system

Two similar applications are 'WellMade' and 'For me for us'. Both aim to propose craftsmen to people through applications. WellMade has the possibility for the user to review the work done by the craftsman and the artisan, which is not possible in WorkerLink at the moment, but it does offer the possibility to cancel an appointment due to unforeseen circumstances. For me it has the ability to show workers on maps divided by cap, a feature not yet present in WorkerLink but with the possibility of extension in the future. WorkerLink also allows the registration and search for workers in all the municipalities of Italy, which is not possible in Per me per noi.

User stories

Lalli

1. As a craftsman, I want to enter a date and times when I am available so that customers can make an appointment.
2. As a user, I want to be able to enter the type of work I need, so that the search is faster.
3. As a user, I want to be able to cancel the appointment, so that in case of unforeseen events I can leave my slot free.

Longo

4. As a client, I want to compile a form, so that I can get some help from the craftsman.

5. As a craftsman, I want to check the details of the work to be done when I receive a form, so that I know what I must do.
6. As a client, I want to select a search town, so that I can find a craftsman in the location I am interested in.

Functional Requirements

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1. The system shall propose a form containing times and dates, insert by the craftsman for the appointment, for the user to select.
2. The system shall propose a search bar in which the user can select the category of the craftsman he needs.
3. The system shall propose a button where the user can cancel the appointment.

Longo

4. The system shall provide a form for the user to fill out when they want to contact a freelancer.
5. The system shall show to the craftsman the form filled in by the user in an appropriate section of the application.
6. The system shall provide a list of craftsmen of the chosen category by the user in the selected town.

Dictionary

Notification: Within the worker's profile there is a button called 'Notifications' which shows appointments awaiting confirmation or rejection by the craftsman.

Storyboard

Repo: <https://github.com/mlalli36/WorkerLink/blob/main/Storyboards/Storyboards.html>

Preview:

<https://htmlpreview.github.io/?https://github.com/mlalli36/WorkerLink/blob/main/Storyboards/Storyboards.html>

Use Case Diagram

