

## Training Panel

### Description of the Problem

Clients of the Social Services Home (SSH) of Slatiňany represent the mental handicapped people of all ages (oft even with serious mental handicaps) and herewith the mental handicapped people in combination with somatic or sensory handicaps.



Figure 1 SSH Slatiňany

The SSH offers the people, who are able to cope basic self-service actions with, a protected housing, where they are living under surveillance of nurses and paramedics, which is similar to a current day live including shopping, meal preparation, cleaning etc.



Figure 2, 3 Protected housing in Slatiňany

From this reason the representatives of the training college OU a PrŠ Chroustovice and SSH found for a solution that in terms of the project shall make the transfer from the institutional type equipment to the protected housing, which requires higher rate of client's self-support, easier for the clients. A training of self-service abilities of the clients focused on assets of current day consumption along with their handling and related improving of clients' fine motor activity has proved as critical.

## Solution of the Problem

### 1. Aim of the Project

Aim of the project is intended for formation of equipment which shall make training of self-service abilities easier for the clients that could help to increase their independence and along with it better integration into the majority society.

The SSH representatives have expressed their opinion that it is necessary to create a training panel provided with practice elements of current day needs (water supply combination tap assembly, electric switches and sockets, locks, door handles, etc.) intended for a current day action training. The original design was many times modified. The final product has arisen as consent of the participants involved.

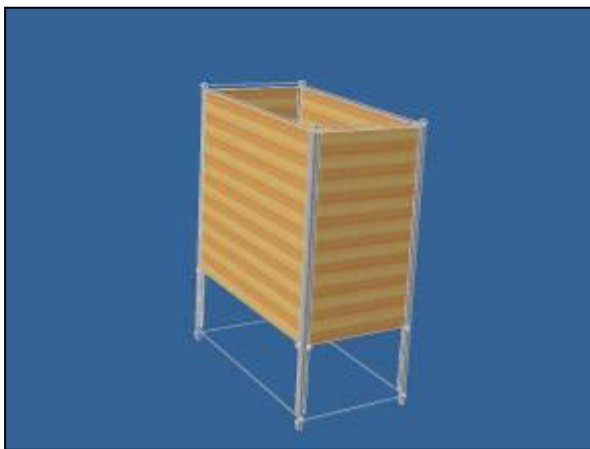


Figure 4 Former draft of the panel



Figure 5 Finished panel

Manufacturing of the training panel itself was consequently implemented in terms of vocational training for students of OU and PrŠ Chroustovice, profession of locksmith.

## 2. Manufacturing process

- engineering drawing processing according to given parameter,



Figure 6 Explanation of the drawings

- training aid purchase (after consultations with a partner),
- manufacturing of wooden plates for anchorage of training aids (in cooperation with the joiner workshop),
- cutting and welding of structure metal parts,



Figure 7 Cutting of metal parts



Figure 8 Welding of metal parts

- cutting and bending of sheet metal parts,



Figure 9 - 11 Cutting of sheet metal parts



Figure 12 Bending of sheet metal parts

- manufacturing of rotary parts of the equipment by means of a lathe,
- cleaning, grinding and painting of the final metal structure,
- other product assembling (greasing, adjustment),
- aid element assembly including safety covers,



Figure 13 Aid element assembly

- connecting of an electrical package,
- final tests of the product's functionality and safety.

### 3. Handover of the panel to SHH Slatiňany

The headmaster of OU a PrŠ Chroustovice together with students, who manufactured the panel, handed over the training panel to the SHH Slatiňany in November 2011.



Figure 14 Handover of the training panel in SSH Slatiňany

During the 4<sup>th</sup> VET4D action meeting which took place in Chroustovice from 16<sup>th</sup> to 18<sup>th</sup> November 2011 the participants of the meeting visited SHH Slatiňany where they could see the training panel at work.



Figure 15 Headmaster of SHH Slatiňany shows the participants of VET4D meeting the new training panel









