**Supplementary material**

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| **Themes and Sub-themes** | | **Codes** |
| **Having several functionalities** | | |
| Access to information | | Newsletter |
|  |  | Redirection to resource websites |
| Responsive platform | | Accessible via different technologies |
|  |  | Compatible with text-to-speech and video-description systems |
| OLPA booking | | Cancel activity |
|  |  | Confirm activity |
|  |  | Add activity to electronic calendar |
|  |  | Remind about activity |
| Technical support | | Help on the platform |
|  |  | Organization support (phone) |
| **Offering the desired training** | | |
| Training content | | Preparing for the outdoors |
|  |  | Digital competences |
|  |  | Information on various disabilities |
|  |  | Sign language |
|  |  | First aid – safety and care |
|  |  | Behaviors with PWDs |
|  |  | OLPA practice |
|  |  | Activity possibilities |
|  |  | Transfers |
|  |  | Wheelchair use |
|  |  | Use of adapted equipment |
| Training methods | | Accessible at all times |
|  |  | Tips |
|  |  | Audio clips |
|  |  | Video clips |
|  |  | By PWDs for PWDs |
|  |  | Length |
|  |  | Summary sheets – documentation |
|  |  | Include exercises |
|  |  | Peer support |
|  |  | In-person |
|  |  | Video-conferencing |
| **Including information** | | |
| Accessibility | | Accessibility of premises |
|  |  | Activity costs |
|  |  | Places to participate in activities |
|  |  | Modalities of the activity |
|  |  | Transport |
| Group activities | | Social activities outside OLPAs |
|  |  | Events calendar |
|  |  | Encouraging group activities |
|  |  | Raising awareness about OLPAs |
| Existing OLPAs | | OLPAs available on the platform |
| Past experience of platform members | | Include testimonials |
|  |  | Present previous activities on the platform |
| Information on adapted equipment | | Equipment use |
|  |  | Rental, sale, repair of equipment |
| Tools for different types of disability | | A Quebec Sign Language lexicon |
|  |  | Pictograms to use when communicating with PWDs with language difficulties |
| Platform resources | | FAQ |
|  |  | Contact information for community organizations |
| Help | | Emergency reference number |
|  |  | What to do in an emergency |
| Safety | | Equipment safety |
|  |  | Site safety |
| **Pairing volunteers with PWDs** | | |
| Communication between PWDs and volunteers | | Information on the person with whom one is paired |
|  |  | Means of communication for PWD and volunteer |
|  |  | First contact before the activity |
| Facilitators for pairing | | Meeting different volunteers |
|  |  | Keeping the same volunteer |
|  |  | Volunteer description – profile |
|  |  | PWD description – profile |
|  |  | Availability for pairing |
|  |  | Two volunteers for one PWD |
|  |  | Filter by volunteer characteristics |
|  |  | Filter by OLPA |
|  |  | Filter by disabilities and needs |
|  |  | Observation day |
|  |  | Automatic or user-made pairings |
|  |  | Pairing by age |
|  |  | Pairing by interest |
|  |  | Pairing by location |
|  |  | Pairing by gender |
|  |  | Blind pairing |
|  |  | Pairing by personality test |
|  |  | Pictures of users |
|  |  | First come, first served |
|  |  | Showcase active volunteers on the platform |
|  |  | Small ads |
| **Displaying the information** | | |
| Barriers to navigation | | Update constraints |
|  |  | Features that reduce platform speed |
|  |  | Password to remember |
|  |  | Unsuitability for text-to-speech |
|  |  | Ads |
|  |  | Too much information (not uncluttered) |
|  |  | Too many different menus |
| Visual barriers | | Dark colors – unattractive |
|  |  | Colors too bright |
|  |  | Infantilizing visuals |
|  |  | Dark background with pale text |
|  |  | Images and fonts too small |
|  |  | Multiple font types |
| Visual facilitators | | Color contrast |
|  |  | Outdoor colors |
|  |  | Light background with dark text |
|  |  | Dark background |
|  |  | Pictograms |
|  |  | Universal accessibility |
|  |  | Neutral colors |
| Navigation facilitators | | As few steps as possible |
|  |  | Easy access |
|  |  | Platform simplicity |
| Preferred information format | | Video |
|  |  | Documentation |
|  |  | Audio |