**DoorWatch**

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| 1. **Name of the challenge** *(short, powerful and inspiring description):*   DoorWatch |
| 1. **Context*:*** *(what is the background information behind the challenge, what is the state of the art of the sectors, the role of the organization in this context, the target group to whom the solution need to be addressed, etc.)*     The aim of the DoorWatch start-up is to design, deliver and install an access system to private premises. It will be possible to use the system with the door you already have or to have a security door installed together with it. The lock we offer enables access through a number code as well as a fingerprint. The offer also includes a responsive web access control application. This application enables to control the lock remotely, to track the usage history, and to manage the temporary and permanent access codes.  *Target group are apartment and house owners and providers of short-term rentals in particular – for example those who use the Airbnb app.* |
| 1. **Problem:** (*What i*s *the problem that needs to be solved, why is important to solve, impact of this problem in the close future, impact of the problem on local or international area)*   At the time of the increasing digitalisation, the necessity to carry the keys and to pass them over to someone remains to be one of the worst nuisances. Those who rent a flat face this problem more often than others, as they need to pass the keys to third persons much more often. Apart from that, we all need to hand over a parcel from a courier or to have our pet walked from time to time. How much easier would it be if the courier and the dog walker could unlock the door themselves? However, they usually don’t have the key from the apartment. Moreover, who knows what they would do in there if they were inside all alone?   1. **Additional info (for internal use):**  *(what is expected to be delivered by the team (idea/concept/prototype), what are the specific tools & instruments that shall be used (eg. Programing language etc), what are the asset (as knowledge, materials) will be given to the team*   - Expectation of the delivery – Project Schedule, Business Model, Business case, Use Cases, Wireframes, Technical description, Test Cases  - Instruments – word, excel, MS Project, analytical tools (EA), graphical tools |
| 1. **Skills of the team (for internal use):** *what specific skills shall the team have in order to address the challenge*   - Analytical skills, basic programming skills, knowledge of project management |
| **5. About the Seeker:**  *- Czech Technical University in Prague*  *- Faculty of Information Technology*  *- Department of Software engineering* |

**Tip**: Good questions to ask the Seeker when defining a challenge:

*- What could be the new strategic areas at your organization?*

*- What are the BIG problems your organization will solve in 5 years?*

*- What would you like to learn more about?*

*- What is interesting for YOU or your team?*

*- Challenges/problems or ideas/concepts you want to test out?*