Project order

Competence Center on Automation Morocco

Project Giving Company: *<< please enter >>*

|  |  |
| --- | --- |
| Project title: *<< please enter >>* | |
| Department/Area: | *<< please enter >>* |
| Street, postcode, city: | *<< please enter >>* |
| Client: | *<< please enter >>* |
| Contact person: | *<< please enter >>* |
| (Email) Contact: | *<< please enter >>* |
| Website: | *<< please enter >>* |
| Initial situation and core problem: | *<< please enter >>* |

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| Objective of the automation/development project: *<<please enter >> , <<please put one cross per line below>>* | | | | | | | | | | |
| Development aspects | 1= weak share 10= strong share | | | | | | | | | |
| Development (applicative) with existing technology | *1* | *2* | *3* | *4* | *5*  x | *6* | *7* | *8* | *9* | *10* |
| Testing/application (generate user knowledge) |  |  | x |  |  |  |  |  |  |  |
| Knowledge transfer |  |  |  |  | x |  |  |  |  |  |
| Interoperability/ Integration |  |  |  |  |  |  | x |  |  |  |
| Development of prototype with existing technology |  |  |  | x |  |  |  |  |  |  |
| Testing of technologies (use case) |  |  |  |  |  |  |  |  | x |  |
| Development of new application areas for automation technology |  |  | x |  |  |  |  |  |  |  |
| Development of web applications (apps) for existing hardware technologies |  |  |  |  | x |  |  |  |  |  |
| *<< please fill in, if further aspects are important >>* |  |  |  | x |  |  |  |  |  |  |

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| Detailed project description of the cooperation project | | |
| **Industry/ Branch**  (e.g. Building, Solar, Factory Automation, Process Automation, Energy, Agriculture, Water Wastewater) | *<< please enter >>* |
| **Detailed application description**    (functional description and orchestration of functional processes; in which applications?) | *<< please enter >>*  *Guiding Questions:*  *What is the project goal? What should be shown / achieved?*  *What are the concrete functionalities of the application?*  *In which concrete applications do the functional processes take place?*  *Duration for implementation (max. 3 months with 4 students working on the subject)? Development steps / milestones?* |
| **Digital methods and processes**  (e.g.: Frameworks: C#, Matlab /Simulink... numerical simulation methods, machine learning, ...) | *<< please enter >>* |
| **Which automation technologies and concepts should be integrated in the application?**  (required components, software, services, trainings, other  What of it is available, what is needed?) | *<< please enter >>* |
| **Further important information/content** | *<< please enter >>* |

Place, date Signature