

To Evaluation Committee

May 2015

Dear Evaluation Committee,

It is with great pleasure to provide you with my opinion about the project proposal of Bauyrzhan Ospan with title: “Automated cashier and product supply system for fast-food industry” and also to make some considerations about the candidate as one of my students and collaborators.

The document presents the concept of an automated cashier capable to implement a high level interface between fast-food costumers, cashiers, food suppliers and administrators. The system will allow speeding up the order and payment process, avoiding conflicts due to misunderstanding, and generally improving the costumers satisfaction.

I think that the interface and the communication protocol are well designed, and that the technical implementation sounds realistic. Without doubts I can assert that Bauyrzhan with this proposal had a strong intuition and proposes a realistic scenario and technical system that can improve the costumers experience.

Regarding my personal experience evaluating and working with Bauyrzhan I can assert that as a student of one the undergraduate courses I offer here at Nazarbayev University, i.e. “Electromechanical Systems”, he demonstrated the ability to work both independently and in-group, always with great creativity and enthusiasm. At Nazarbayev University, Bauyrzhan developed his interest in the research fields of robot design and control. Further, he had the opportunity to work on different projects like: “Development of an Haptic interface for teleoperation” and “Development and control of a single joint robotic system” obtaining outstanding results.

Summarizing, I think that Bauyrzhan Ospan has the potential and all the qualities to implement successfully the proposed project.

Yours faithfully,

Michele Folgheraiter, Ph.D. Ing.

