



Project Proposal

Prepared for: Software Engineering class

Prepared by: Smart Besik team

February 1, 2014

<http://github.com/aseke/smartbesik>

EXECUTIVE SUMMARY

Objective

Have you ever seen how fresh mothers run around a house and do not know what to do: nursing child or greet guests? How about a smell of burnt cake, have you ever smell it? I think yes. These are daily routines of every child mother. And now, there is a great product named SmartBesik. Cradle that makes your mother's or wife's or daughter's life much easier. It cradles your baby, sings lullabies, looks after a temperature of baby, its coverlet and more.

Goals

Our team began working on new version of SmartBesik. We will make it much smarter and easier to use. The old version has primitive interface with remote control panel. We will use much newer technologies and make web interface for controlling and tracking the SmartBesik.

Languages/Platforms

Our team is now deciding what language to choose for web interface: well known PHP or new and exotic Ruby On Rails. Choice will solve which IDEs and databases are to be used. Hardware part will be build on popular Arduino board, and some external shields like: WiFi or Ethernet shields. There will be used some additional technologies for design like Photoshop.

Complexity

First problem of this system is how to convert all sensors and triggers of old board that using more voltage to Arduino's input and output voltages. And it's not last problem. System have to send and receive informations from web, analyze it, and show nicely to end consumers. I think it's not so easy.

SMARTBESIK TEAM

TEAM MEMBERS

All members are form 3A-03 group. Team name is "SMARTBESIK TEAM".



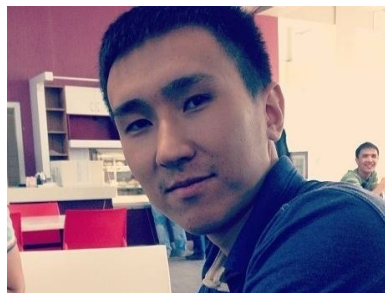
Mr. Assylbek Murzkahmetov: Hardware developer, team lead, and product manager.

Portal ID: 11384



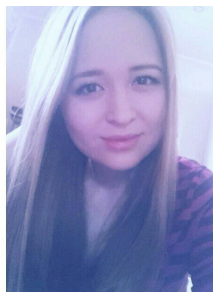
Mr. Daryn Nazarbek: Software developer

Portal ID: 11394



Mr. Aibol Ongarov: Software developer

Portal ID: 11435



Ms. Aigerim Sarzhanova: responisble for design and documents

Portal ID: 11386

COSTUMER



The founder of SmartBesik is Serikbol Shaimardan from Astana. He is our costumer. You can find him on facebook or [vk.com](#). We are deciding about price and some other stuff.