

Project Proposal: **Telegram bot for BBQ zone booking**

Background

At the present moment if you want to book a barbeque zone in Innopolis city for some period of time you need to make a record in an [online table](#). You should check that nobody has already reserved your time slot and provide information about the number of people, the equipment you need and share your contacts.

Problems

- Difficult to make out free and already booked slots of time, because they can be mixed in a list.
- Already booked slots of time can be edited/deleted by anybody else without any restrictions that will make confuse.
- Excel-form is not a user-friendly interface for mobile devices.

Features

- Check if the specific timeslot is already booked/intersect with another
- View free timeslots for today/tomorrow/another date
- View booked timeslots for today/tomorrow/another date with the provided information
- Book (create a new record in table) for the new timeslot with all information
- Delete booking if your telegram alias matches alias that was mentioned in table

Implementation

The project should be implemented on Telegram Bot platform with chat-buttons and interactive interface. To read/write data into google table it is possible to use [Sheets API](#).