

Objective:

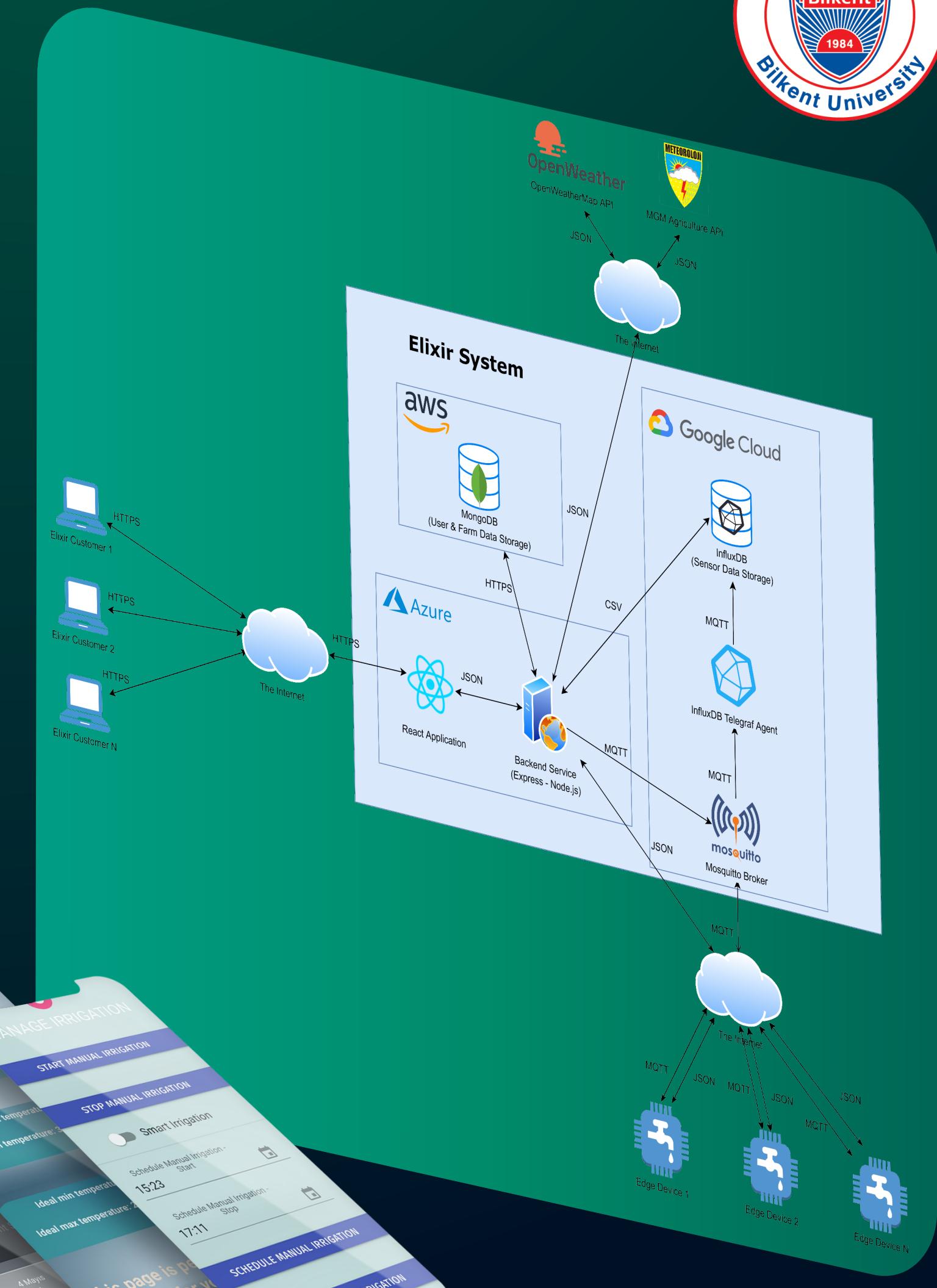
Elixir is a smart irrigation and agriculture system designed to provide agricultural support and automate irrigation.

Benefits:

- Providing remote and fully automated smart irrigation
- Acting as a decision support system with inputs from on-site sensors and meteorology information
- Providing crop suitability status according to user supplied crop type
- Having an easy-to-use dashboard showing past, current and forecast status
- Having a scalable architecture which can meet increased user demand

Concluding remarks and future enhancements:

- Using the user uploaded crop signatures to create a crowdsourced crop database
- Making use of satellite imagery for field and crop monitoring
- Upgrading the Elixir hardware with a flow meter to calculate water consumption



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