# Das Bot

Tomislav Mesić @tomislavmesic



#### The need?

At this moment Algebra University College has more than 1300 active students.

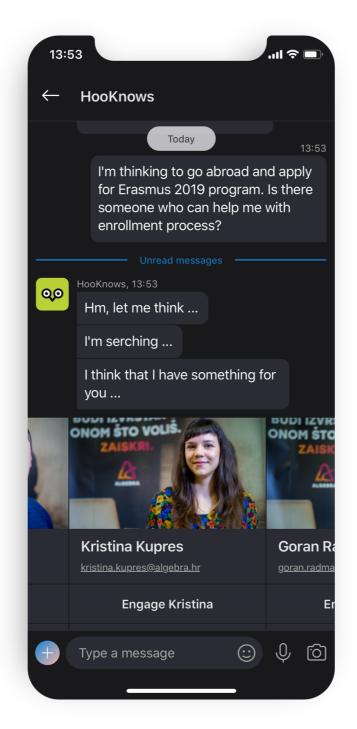
Increasing number of students causes increased impact on Student Service Office.

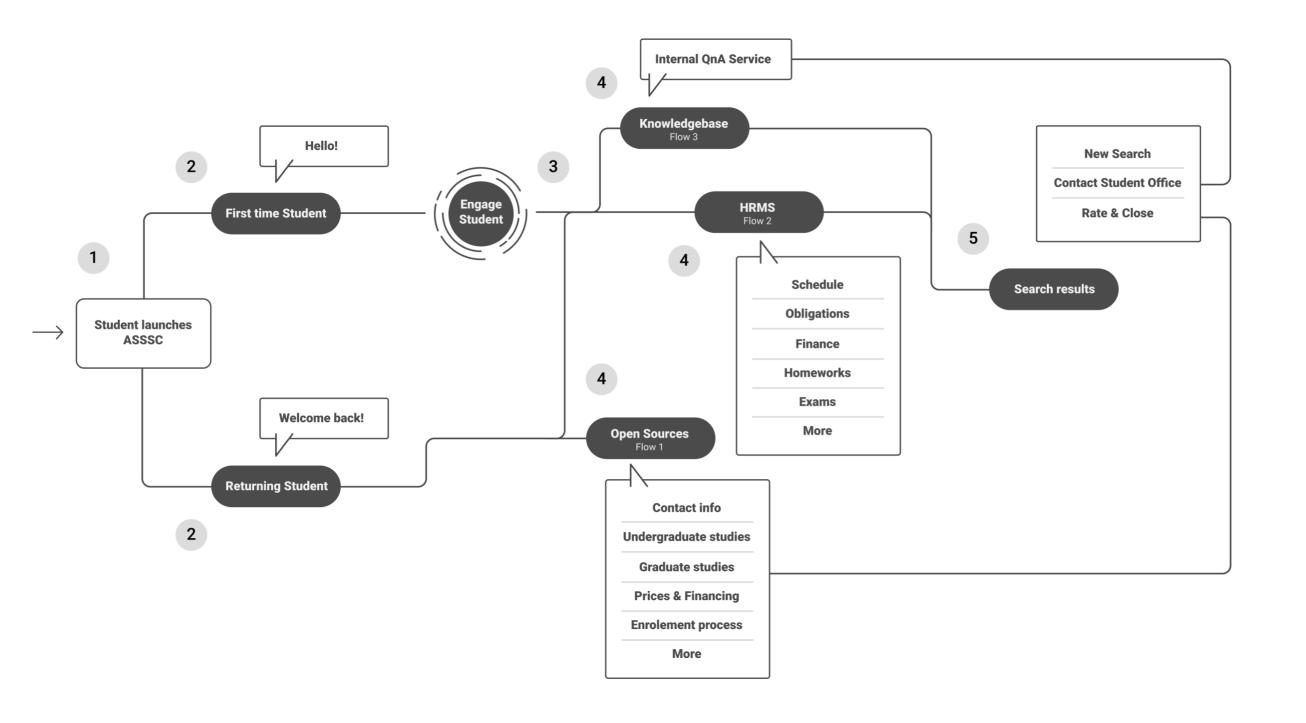
Answers to 90% of top 10 student issues and requests can be found in open sources like Algebra University Web page, Algebra social networks channels like Facebook and Instagram or somewhere allover the intranet.

### The solution!



**Student Support Service Chatbot** 



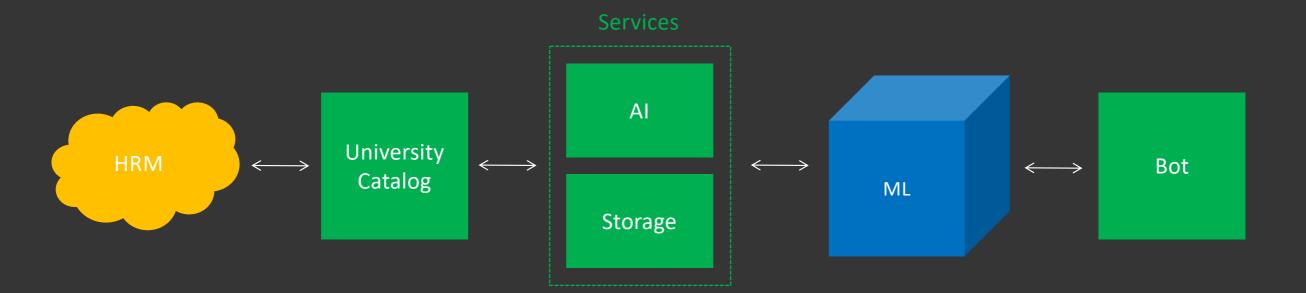




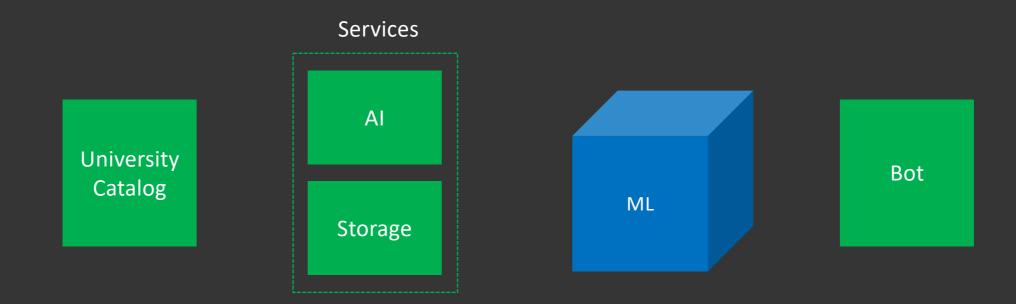
# Building a Bot is easy

# Building an intelligent one is hard

### **IT Solution**



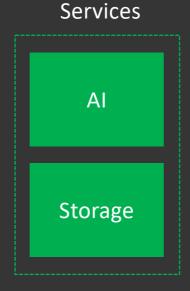
# Technology Stack



## Technology Stack

Company Catalog

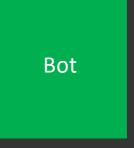
Azure AppServices
Ruby
Rails
Postgres



Azure Cognitive Services
Azure Storage Services
Azure Knowledge Services



Azure Machine Learning

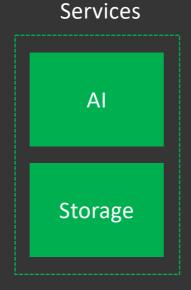


Azure Bot Services MS Bot Framework Node.js

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#### Language Understanding

adds conversational intelligence to your bots



#### **QnA Maker**

Language Understanding Intelligent Service Go from FAQ to Bot in minutes with no coding required



#### Text Analytics API

Easily evaluate sentiment and topics to understand what users want



Bing Spell Check

Detect and correct spelling mistakes in your app



Bing Speech API

Convert speech to text and back again to understand user intent



Bing Web Search API

Get enhanced search details from billions of web documents



Language Understanding



**QnA** Maker

Language Understanding Intelligent Service Go from FAQ to Bot in minutes with no coding adds conversational intelligence to your bots

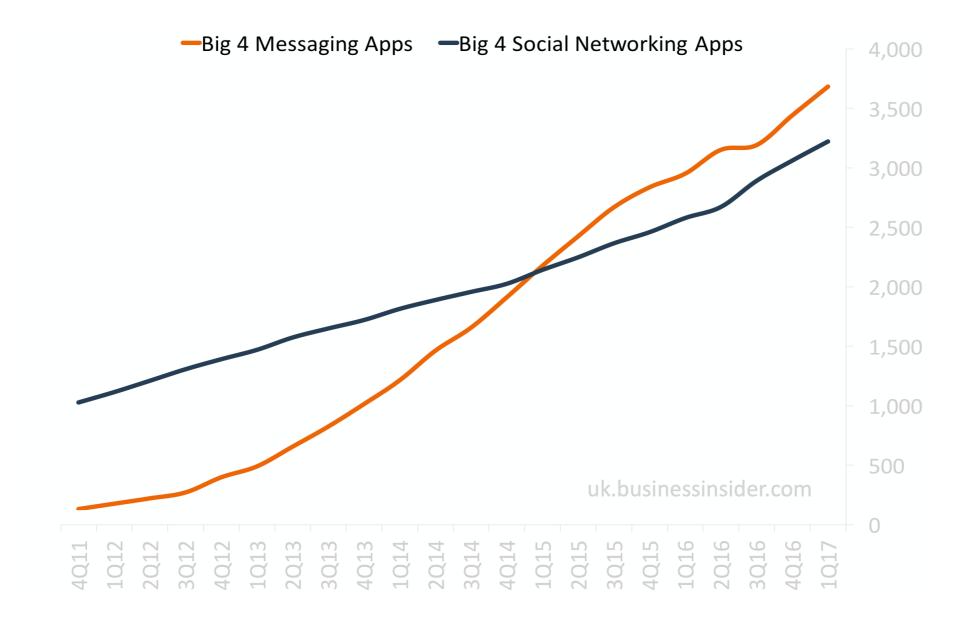
required



Text Analytics API

Easily evaluate sentiment and topics to understand what users want

Why conversational interfaces?



Combined user base of the top four chat apps (WhatsApp, Messenger, WeChat, Viber) is larger than the combined user base of the top four social networks (Facebook, Instagram, Twitter, LinkedIn).

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The majority of their users are young, an extremely important demographic for brands, advertisers and publishers.

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# Chat apps have higher retention and usage rates than most mobile apps.

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