

Agile Software Development

UNICHATBOT

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What is CHATBOT?

Chatbot is artificial intelligence software that users communicate with a person in digital environment as if they are messaging and use it for purposes such as getting information about a subject.

- Why are we here?

The goal of this project is to model Turkish at phonological, morphological, syntactic and semantic levels by using language theories and to develop a chatbot based on these models by creating an ontology. The chatbot we developed is related to the transportation of Aydın province. By choosing four numbers from the municipal buses, a chatbot is created that can answer any questions you may have about the routes, stops, hours and passenger fares of the buses with these numbers.

- Elevator Pitch

| | The Elevator Pitch Template | The Elevator Pitch |
|--------------------|---------------------------------------|---|
| for | target customer | passengers |
| who | statement of need or opportunity | need to give clear answers to passengers' questions about buses |
| the | product name | UniChatbot |
| is a | product category | chatbot that answers questions about buses |
| that | key benefit, compelling reason to buy | provides answers to passengers' questions about buses |
| unlike | primary competitive alternative | Lists showing bus stations and times on the website |
| our product | statement of primary differentiation | is web based and can be accessed anytime from anywhere |

Table 1. Elevator Pitch

- Product Box

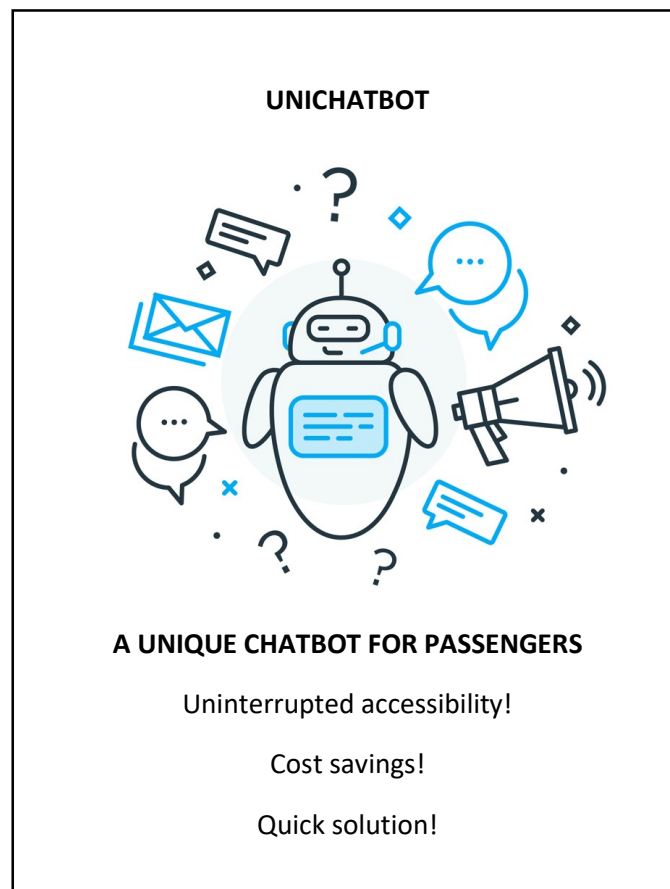


Figure 1. Product Box

- NOT List

| IN SCOPE | OUT OF SCOPE |
|---|--------------------|
| Search (by speech or text) | Offline capability |
| UNRESOLVED | |
| Mobile application Working on binding theory | |

Table 2. NOT List

- Show Solution

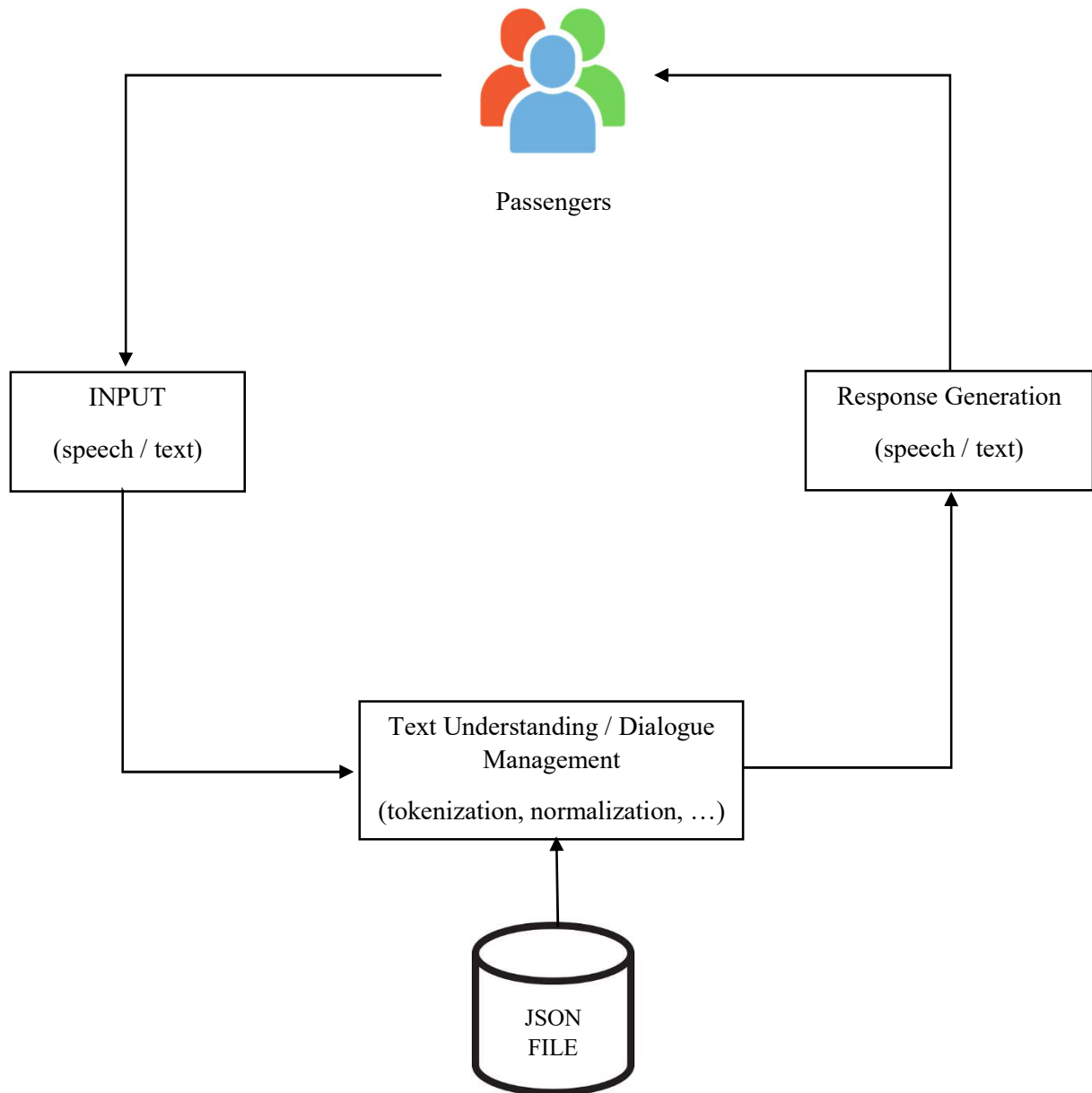


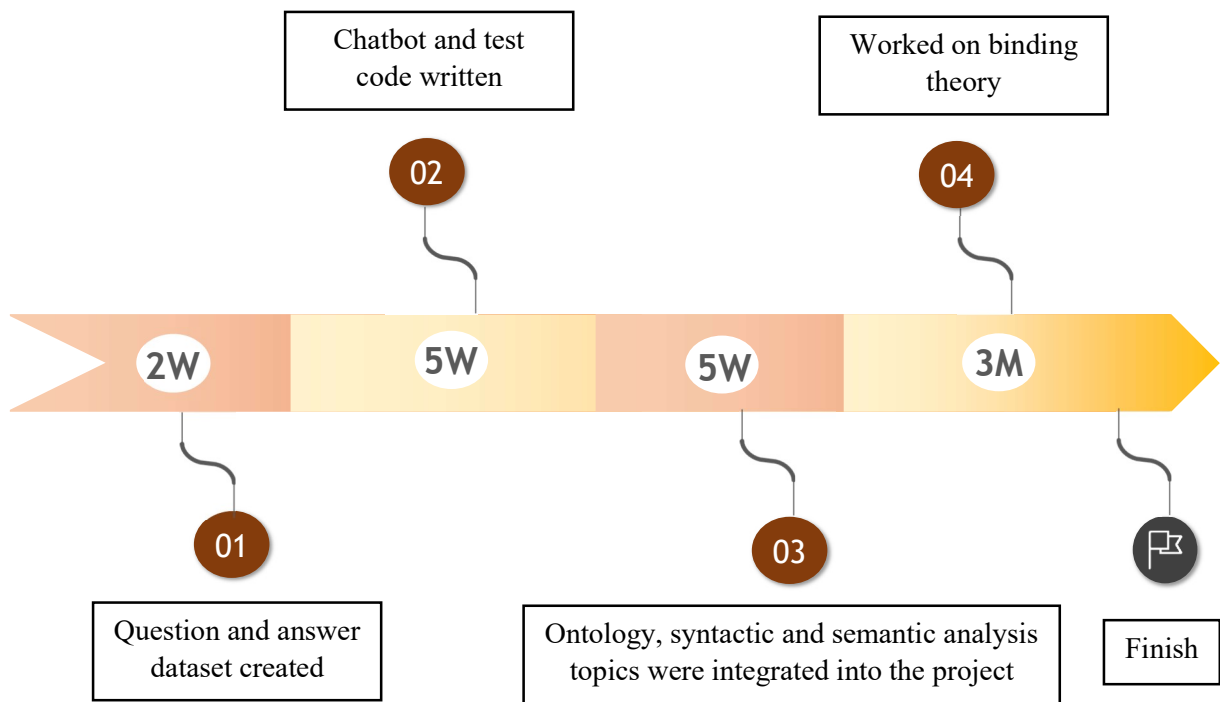
Figure 2. Solution

- Project Risks

| Risks worth tackling | Those that aren't |
|--|---|
| Expanding the scope of the program to answer questions for all buses, not just the four designated bus numbers | Expanding the scope of the program to all provinces throughout Turkey |

Table 3. Project Risks

- Size of The Project



Schedule 1. Size of The Project