



Efada Hospitals API

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Change history

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Glossary

Term/Acronym	Definition
API	API stands for Application Programming Interface.

Overview

Our mission is to contribute to the seamless integration of building digital systems and improving the added value to empower small and medium enterprises in supporting vision 2030. Rabet connects businesses with many significant Elm products and services to benefit from their features and boost applications’ performance.

One of Elm’s valuable products is Efada. Efada is an e-service that handles the recording and transferring of medical certificates for beneficiaries from health institutes whom are authorized. Additionally, it has a huge amount of hospitals data that businesses in KSA could benefit from.

*Therefore, we have identified a market need and an opportunity to connect enterprises, entrepreneurs and individuals with Efada. Hence, **Efada Hospitals API**.*

Objectives

- To enable enterprises, entrepreneurs and individuals to benefit from Efada hospitals data through Rabet platform.*

Scope of Work

- Add Efada Hospitals API services to Rabet platform.*

Success Metrics

- *API usage growth.*
- *Monthly Active Users.*
- *Time to first call.*

Personas

Name:	Hasan the developer
Traits:	Super busy, like to read and share articles about politics and technology.
Goals:	Build healthcare mobile applications.

Scenarios

- *Hasan the developer is building a healthcare application for KSA market and needs some way to get data regarding local hospitals. He registered to Rabet platform and used Efada Hospitals API to satisfy his application requirements.*

Opportunity Hypothesis

- *We believe that it would be very difficult for Hasan the developer to get local hospitals data. Therefore, providing a simple and free API for Hasan will simplify his development work and make him more engaged with Rabet.*

Validating the Hypothesis

- *We will validate using Success metrics.*

Value Proposition

- *enable enterprises, entrepreneurs and individuals to benefits from Efada hospitals data.*

Business Model

- *Freemium.*

Features In

- *Get local hospitals list.*
- *Add a hospital.*
- *Update a hospital.*
- *Search for a hospital.*

Features Out

- *Delete a hospital.*

Designs

<https://editor.swagger.io/?url=https://raw.githubusercontent.com/tmajdali/swaggerDocs/main/openapi.yaml>

Requirements

ID	Requirement	User Story	Priority	Notes
Req-01	Get Hospitals List	As consumer, I want to get hospitals list.	high	NA
Req-02	Add Hospital	As consumer, I want to add a hospital.	high	NA

Req-03	Update Hospital	As consumer, I want to update a hospital information.	medium	NA
Req-04	Get hospital info	As consumer, I want to get a hospital info.	low	NA

Use Cases

[UC-001] Get Hospitals List

Identifier	Description
UC001	This use case describes how to get a list of hospitals

Actors	Consumer System
Trigger	<ul style="list-style-type: none"> Call the Hospital API: Get Hospital. Inputs/outputs in API Document. https://editor.swagger.io/?url=https://raw.githubusercontent.com/tmajdali/swaggerDocs/main/openapi.yaml
Pre-condition	
Business Rules	<ul style="list-style-type: none"> Consumer should be registered in Rabet and has API key.
Post Condition	<ul style="list-style-type: none"> List of hospitals information will be retrieved
Basic Flow	<p>1- Consumer calls Hospital API: Get Hospital; with correct parameters, payload and headers.</p> <p>2- System retrieve a list of hospitals.</p>

Alternative Flow	n/a
Error Flows	Check Swagger Documentation. https://editor.swagger.io/?url=https://raw.githubusercontent.com/tmajdali/swaggerDocs/main/openapi.yaml

[UC-002] Add a Hospital

Identifier	Description
UC002	This use case describes how to add a hospital.

Actors	Consumer System
Trigger	<ul style="list-style-type: none"> Call the Hospital API: Add a Hospital. Inputs/outputs in API Document. https://editor.swagger.io/?url=https://raw.githubusercontent.com/tmajdali/swaggerDocs/main/openapi.yaml
Pre-condition	
Business Rules	<ul style="list-style-type: none"> Consumer should be registered in Rabet and has API key.
Post Condition	<ul style="list-style-type: none"> Hospital will be added.
Basic Flow	1- Consumer calls Hospital API: Add a Hospital; with correct parameters, payload and headers. 2- System will add hospital.
Alternative Flow	n/a

Error Flows	Check Swagger Documentation. https://editor.swagger.io/?url=https://raw.githubusercontent.com/tmajdali/swaggerDocs/main/openapi.yaml
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[UC-003] Update a Hospital

Identifier	Description
UC003	This use case describes how to update a hospital.

Actors	Consumer System
Trigger	<ul style="list-style-type: none"> Call the Hospital API: Update a Hospital. Inputs/outputs in API Document. https://editor.swagger.io/?url=https://raw.githubusercontent.com/tmajdali/swaggerDocs/main/openapi.yaml
Pre-condition	
Business Rules	<ul style="list-style-type: none"> Consumer should be registered in Rabet and has API key.
Post Condition	<ul style="list-style-type: none"> Hospital will be updated.
Basic Flow	1- Consumer calls Hospital API: Update a Hospital; with correct parameters, payload and headers. 2- System will add hospital.
Alternative Flow	n/a

Error Flows	Check Swagger Documentation. https://editor.swagger.io/?url=https://raw.githubusercontent.com/tmajdali/swaggerDocs/main/openapi.yaml
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[UC-004] Get Hospital Info

Identifier	Description
UC004	This use case describes how to get a hospital info.

Actors	Consumer System
Trigger	<ul style="list-style-type: none"> Call the Hospital API: Find a Hospital by ID. Inputs/outputs in API Document. https://editor.swagger.io/?url=https://raw.githubusercontent.com/tmajdali/swaggerDocs/main/openapi.yaml
Pre-condition	
Business Rules	<ul style="list-style-type: none"> Consumer should be registered in Rabet and has API key.
Post Condition	<ul style="list-style-type: none"> Hospital will return hospital info.
Basic Flow	1- Consumer calls Hospital API: Find a Hospital by ID; with correct parameters, payload and headers. 2- System will add hospital.
Alternative Flow	n/a

Error Flows	Check Swagger Documentation. https://editor.swagger.io/?url=https://raw.githubusercontent.com/tmajdali/swaggerDocs/main/openapi.yaml
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List of Companies

Tier 1:

SDAIA

Tier 2:

NIC

Tier 3:

Thiqah

GTM Planning

Pre-Launch

- *Release a Beta-version for company employees to test locally and to observe usage, watch out for bugs and get feedback.*

Launch

- *Day before:*
 - *Inform engineering.*
 - *Last check of functionality.*
- *Day of:*
 - *Checking logs.*
 - *Monitoring metrics.*
- *Week after:*
 - *Work on bugs.*
 - *Review number of support tickets/bugs.*
 - *Review impact on product metrics.*

Post-Launch

- *Continue to promote the new feature to increase awareness.*
- *Analyze success metrics.*