
Design Document for «Almaty Today» project

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1. Introduction

1.1. PURPOSE

In this document, written description of the mobile application «Almaty Today».

1.2. SCOPE

Our program is mobile, it is associated with the server and a database.

1.3. DEFINITIONS, ACRONYMS, ABBREVIATIONS

Term	Description
Client	The man who will be using our software.
Server	All data that are required by the user are stored here.
Database	All data is stored here.
Parsing algorithm	User requirement information from the database.
News	Enters all the latest news from the database.
Send a message	The user can send a message.

1.4. DESIGN GOALS

1. Reliability. All the data on the database, and the server must be maintained and reliable.
2. Maintainability. If an error occurs on the server, it automatically has to report it and to repair.
3. Extensibility. Anyone who has a smart phone and the internet will be able to use our program.
4. Response Time. These should be immediately displayed to the user when he asks for news.

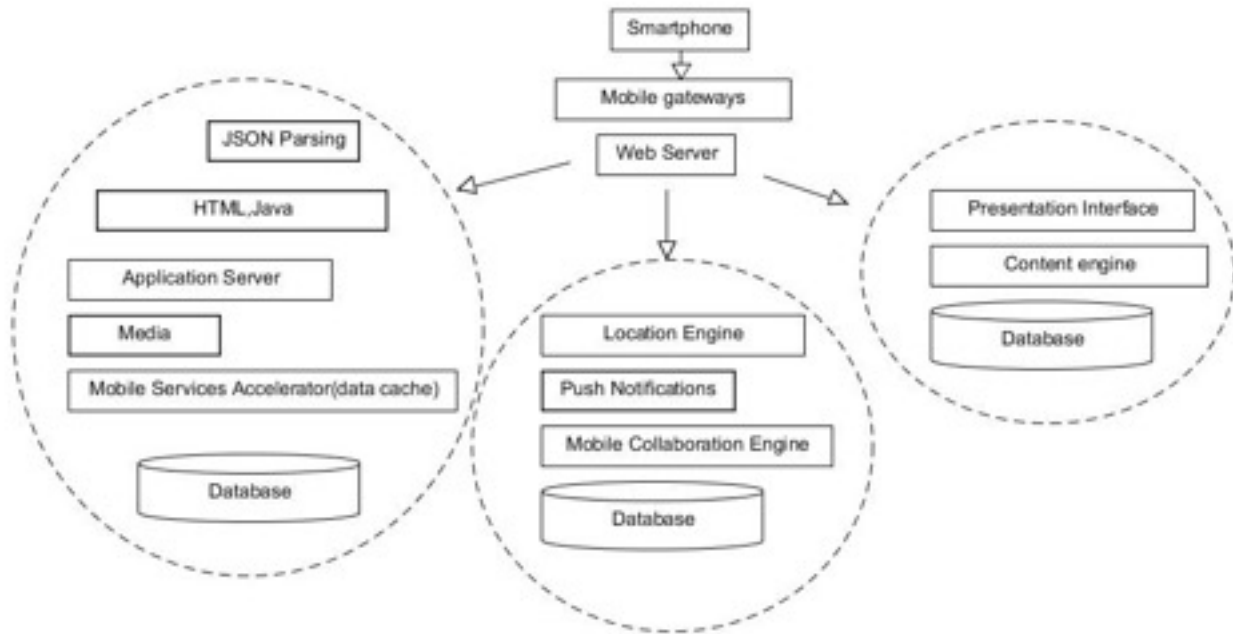
2. References

(If any)

3 Decomposition Description

3.1 MODULE DECOMPOSITION

Architectural diagram



3.1.1 Internet Users (Smartphone) Description.

Anyone who has an Internet connection on your phone. You can take any news that are on the server and on the data meringue.

3.1.2 Web Server Description.

All data will be placed not only in the mobile applications and online Almaty Today. There, the user can find the information he was looking for or that it became interesting.

3.1.3 JSON Parsing Description.

With this application we can all the data that shows on the site, show the same on a mobile application.

3.1.4 Database Description.

All data is stored in the database. Regarding the request to the server, the database provides data.

3.2 CONCURRENT PROCESS

3.2.1 Internet Users (Smartphone) Description.

1. When you open the app the user can see the main page.
2. The user selects which wants to see the news.
3. The user can send a message to the administrator.
4. The user can see the weather and get a notification to the account of the latest news.
5. You can buy online tickets for a concert, theater, etc.

3.2.2 Web Server Description.

All data will be placed not only in the mobile applications and online Almaty Today. There, the user can find the information he was looking for or that it became interesting.

3.2.3 JSON Parsing Description.

With this application we can all the data that shows on the site, show the same on a mobile application.

3.2.4 Database Description.

All data is stored in the database. Regarding the request to the server, the database provides data. Then sent to the server and further to the mobile application.