Ghasedak’s Functions

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# Overview

Ghasedak offers a service that facilitates the content transfer between the user and the content provider. Ghasedak is able to transfer various types of messages such as text, image, sound, video messages, etc. In addition to receiving messages of various types, Ghasedak is capable of using many types of end-points in order to deliver the message to the user. Some examples of these end-points can be MNO, which is currently being used, or any other type of servers which is able to keep the content and be the means to deliver the message to the user. Therefore, Ghasedak is a multifunctional platform and one of the core components of Appson.

# Main Flow

End-User

Mobile Network Operator

Ghasedak

Content Provider

Sends request

Transfer User Request

Get User-Confirmation

Give Consent

Provide Content

Transfer Content

Deliver Content

Transfer User Request

Ghasedak is responsible of transferring user’s requests to the Content Provider and vice versa. During this process, it acts as the middle man that delivers contents to the end-user through various channels and informs the content providers of user requests without having the MNO get involved with them at any point.

1. The user sends a request for a specific service to the MNO.
2. The MNO asks the user for confirmation to perform the transaction.
3. The user gives consent.
4. After receiving the consent message from the user, the MNO transfers this request to Ghasedak.
5. Ghasedak signs the user request in a message format with its own key and transfers it to the content provider.
6. The content provider is informed of the user’s request and can now provide the content. The content needs to pass both Ghasedak and the MNO to get to the user.
7. Ghasedak sends the content which is signed by the Content Provider to MNO. In this scenario MNO is being used as an end-point.
8. The MNO delivers the content to the user.