

OOSD Final Project Document

Notification Management

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Swagger Url = [URL](#)

Users API:

- POST /users
Description: Creates new user

Request Body:

```
{  
  "name": "string",  
  "email": "string",  
  "phoneNumber": "stringstri",  
  "pushToken": "string"  
}
```

- GET /users/{id}
Description: Gets user info by id

Request Body:

```
{  
  "id": 0,  
  "name": "string",  
  "email": "string",  
  "phoneNumber": "string",  
  "pushToken": "string"  
}
```

Send Notifications API:

- POST /notification/ride-completion
Description: Sends notification for ride completion

Request Body:

Notification Types: [SMS, PUSH, EMAIL]

```
{
  "notificationTypes": [
    "SMS"
  ],
  "userId": 0
}
```

Response Body:

```
{
  "message": "string"
}
```

- POST /notification/payment-confirmation
Description: Sends notification for payment confirmation

Request Body:

Notification Types: [SMS, PUSH, EMAIL]

```
{
  "notificationTypes": [
    "SMS"
  ],
  "userId": 0
}
```

Response Body:

```
{
  "message": "string"
}
```

- POST /notification/estimated-arrival-time
Description: Sends notification for estimated arrival time

Request Body:

Notification Types: [SMS, PUSH, EMAIL]

```
{
  "notificationTypes": [
    "SMS"
  ],
  "userId": 0,
  "eta": "string"
}
```

Response Body:

```
{
  "message": "string"
}
```

- POST /notification/driver-assignment
Description: Sends notification for driver assignment to user

Request Body:

Notification Types: [SMS, PUSH, EMAIL]

```
{
  "notificationTypes": [
    "SMS",
    "PUSH",
  ],
  "userId": 0
}
```

Response Body:

```
{
  "message": "string"
}
```

- POST /notification/booking-confirmation
Description: Sends notification for driver assignment to user

Request Body:

Notification Types: [SMS, PUSH, EMAIL]

```
{
  "notificationTypes": [
    "SMS",
    "PUSH",
  ],
  "userId": 0
}
```

Response Body:

```
{
  "message": "string"
}
```

Get Notifications Information API:

- GET /notification/info/user/{userId}/sms
Description: Gets data about user sms notifications that are being processed

Response Body:

```
[
  {
    "id": 0,
    "status": "SENT",
    "sentAt": "2024-07-09T10:47:29.990Z",
    "message": "string"
  }
]
```

- GET /notification/info/user/{userId}/push
Description: Gets data about user push notifications that are being processed

Response Body:

```
[
  {
    "id": 0,
    "status": "SENT",
    "sentAt": "2024-07-09T10:49:27.043Z",
    "title": "string",
    "subtitle": "string",
    "message": "string"
  }
]
```

- GET /notification/info/user/{userId}/email
Description: Gets data about user email notifications that are being processed

Response Body:

```
[
  {
    "id": 0,
    "status": "SENT",
    "sentAt": "2024-07-09T10:50:33.330Z",
    "subject": "string",
    "message": "string"
  }
]
```