

ForgotPassword

Overview

This API initiates the password reset process. The user provides their email. If the email exists in the system, the system will:

Generate a secure, unique, 1-hour password reset token.

Save this token to the database (with type "PasswordReset").

Send an email to the user, containing a link (URL) to the frontend page, with this token attached.

API Specification

API	URL
POST	/api/auth/forgetPassword
Permission	N/A

Request sample

```
{
  "email": "user@example.com"
}
```

Field	Description	Data Type	Examples
email	Email address of user who forgot password.	string	user@example.com

Response sample

```
{
  "statusCode": 200,
  "message": "Password reset link has been sent to your email.",
  "data": null,
  "respondedAt": "2025-10-29T15:30:00.123Z"
}
```

Validation

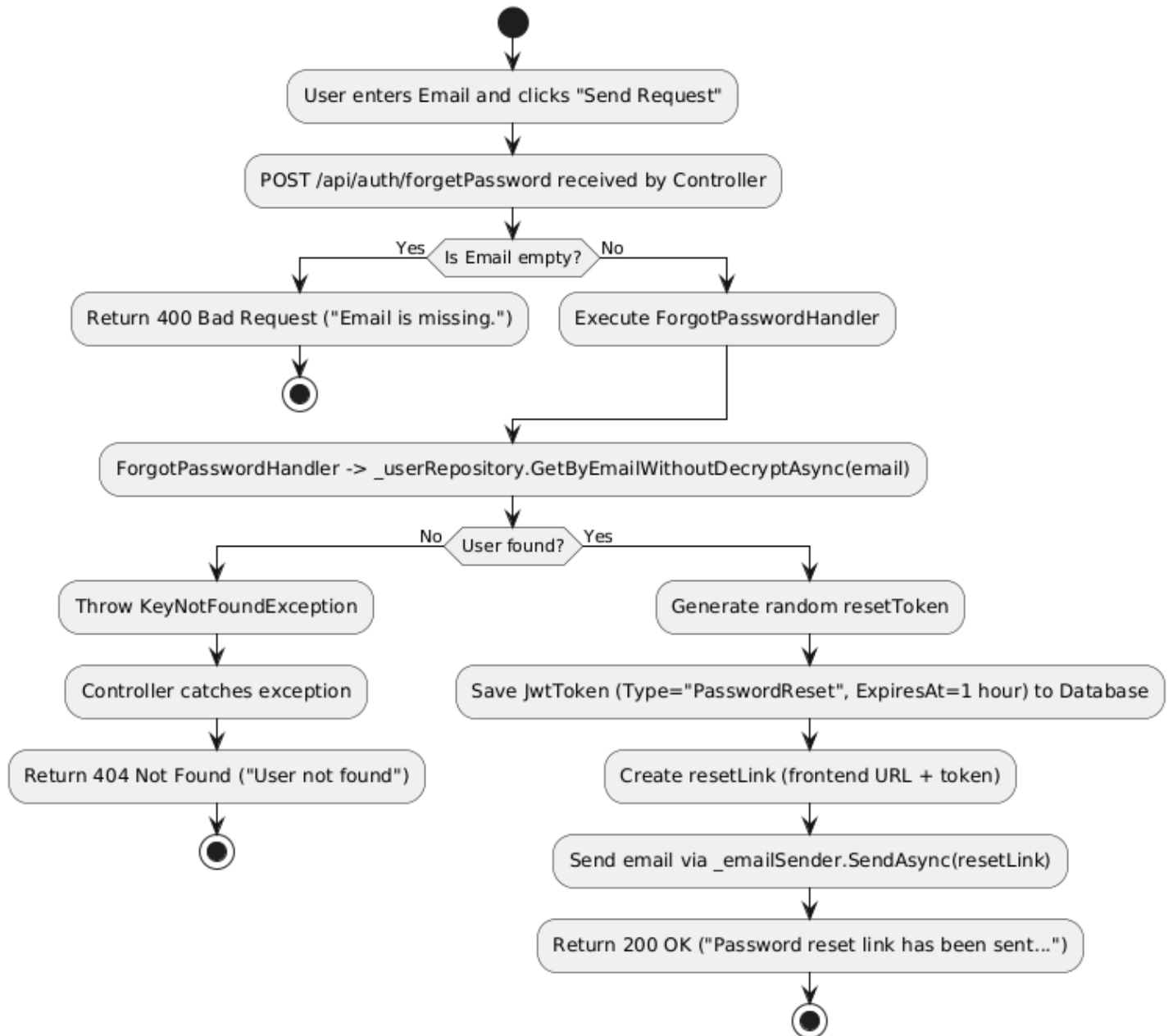
Status code	Description	Examples
400	Error: Email is missing or invalid.	<pre>{ "statusCode": 400, "message": "Email is missing.", ...}</pre>

404	Error: Email not found in system.	{ "statusCode": 404, "message": "Email not found in the system.", ...}
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500	Server error (e.g. email failed to send).	{ "statusCode": 500, "message": "An error occurred while processing your request.",...}
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Activity Diagram

Forgot Password - Activity Diagram



Sequence Diagram

