

# Appendix B – Integration with third party application or HTTP service

## Actors:

User Portal, Spark Gateway, Third party application or HTTP server

## Preconditions:

User Portal:

- Prepare a token which can be used to verify user.

Spark Gateway:

- Configure `authToken.name`, `authToken.exec`, `authToken.sucessCode` in `gateway.conf`.

Basic flow:

1. User Portal send the token to Spark Gateway along with other parameters.
2. Spark Gateway check if the token name is same as the value configured in `authToken.name`. It's same, then.
3. Spark Gateway execute the application or HTTP Request(GET) configured in `authToken.exec`, if the return code or HTTP Status code is same as the `authToken.sucessCode`, gateway will allow the connection, otherwise reject it.

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