# Story UFC-262: Forgot my Password

The following document will go over the design of XXX, as outlined in Story ticket UFC-XXX.

## Acceptance Criteria

For reference, the following are the acceptance criteria for this ticket:

- On the Login form, I want to be able to click a 'Forgot my Password' link to send me to the 'Forgot my Password' form.

- On the 'Forgot my Password' form, I want to enter my email and submit the form.

- Upon submitting the form, I am informed that, if the email exists in our system, an email will be sent to the address.

- If I entered a valid address, I receive the email containing a link to the password reset form.

- If I entered an invalid address, nothing happens.

- On the password reset form, I can enter a new password. I am informed that resetting my password will result in all of my data being deleted.

- Once I submit the password reset form, I am prompted with a confirmation dialog to further confirm that changing my password will delete all my data.

- Upon confirmation of the dialog, my password is reset, all my data is thrown away, and I am signed into the app.

- I also receive an email confirming the reset of my password.

## Design Brainstorming

Will need to do some design (aka mockup) work for this ticket, since this stuff doesn't currently exist.

### Frontend

In terms of routes, I like the approach GitHub uses: a `/password-reset` route that puts the token as a sub route (`/password-reset/$TOKEN`) as opposed to a query param. This is easier to work with from a `react-router` standpoint.

## Component Breakdown

### Atoms

- N/A

### Molecules

- [modification] AuthForm (add 'Forgot my Password' link to the Login form)

### Organisms

- PasswordResetDialog

- PasswordResetForm

- SendPasswordResetForm

### Scenes

- PasswordReset (PasswordResetForm)

## Tasks

- Build the Password Reset form layout.

- Add the 'Forgot my Password' link to the Login form layout.

- Setup an account with Mailgun, since they will be our transactional email provider.

    - For more on *why* Mailgun, check out the `Transactional Email` Topical Research article in my personal Nuclino workspace.

- Integrate `feathers-authentication-management` into the Backend, to handle password resets and emailing.

- Connect the Frontend and the Backend together so that password resets are functional.