

INITIALIZE PROFILE GROUP TUTORIAL

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Local Route: http://localhost:5000/api/initialize_profile_group (initialize_profile_group)

Deployed Route: https://kindling-lp.herokuapp.com/api/initialize_profile_group
(initialize_profile_group)

EXPECTED INPUT FROM FRONTEND:

```
{
  "email_str": some_string,
  "group_categories_obj": { various_category_booleans },
  "description_str": some_string,
  "candidate_individual_categories_obj": { various_category_booleans },
  "access_token_str": some_string
}
```

INPUT PROPERTIES EXPLAINED:

- 1) **email_str**: the email string that serves as a client's username.
- 2) **group_categories_obj**: a JSON object whose properties are all booleans corresponding to all the different 'individual' and 'group' categories:

```
{
  "game_development_bool" : some_boolean,
  "app_development_bool" : some_boolean,
  "web_development_bool" : some_boolean,
  "robotics_bool" : some_boolean,
  "graphic_design_bool" : some_boolean,
  "writer_bool" : some_boolean,
  "marketing_bool" : some_boolean,
  "networking_bool" : some_boolean,
  "construction_bool" : some_boolean,
  "lab_partners_bool" : some_boolean,
  "research_bool" : some_boolean,
  "other_bool" : some_boolean
}
```

- 3) **description_str**: a string that serves to describe an individual or group to aid in the matching process.
 - 4) **candidate_individual_categories_obj**: a JSON object whose properties are all booleans corresponding to all the different 'individual' and 'group' categories. See input property 2).
 - 5) **access_token_str**: the golden ticket that serves to prove that the client is the client. For a more in-depth explanation on access tokens, please refer to the login API tutorial.
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EXPECTED OUTPUT FROM BACKEND:

```
{
  "success_bool" : some_boolean,
  "refreshed_token_str" : some_string
}
```

OUTPUT PROPERTIES EXPLAINED:

1) **success_bool**: whether or not the user corresponding to 'email_str' successfully had their profile updated with the information provided by the frontend input. If 'true', the update was successful. 'false' otherwise.

2) **refreshed_token_str**: the refreshed access token that is provided by the backend upon a successful API call. For more information on access tokens, please reference the login API tutorial.

EXPECTED OUTPUT ILLUSTRATED:

1)

-Case: the 'access_token_str' provided by the frontend input is invalid (expired or tampered with).

-Expected output:

```
{
  "success_bool" : false,
  "refreshed_token_str" : ""
}
```

2)

-Case: the provided access token is valid, but a user with an email corresponding to 'email_str' from the frontend input could not be found in the database somehow.

-Expected output:

```
{
  "success_bool" : false,
  "refreshed_token_str" : some_string_representing_a_refreshed_token
}
```

3)

-Case: the provided access token is valid, but the user with an email corresponding to 'email_str' from the frontend input is actually considered an 'individual' and not a 'group'.

-Expected output:

```
{
  "success_bool" : false,
  "refreshed_token_str" : some_string_representing_a_refreshed_token
}
```

4)

-Case: the provided access token is valid, the user is a group, BUT the user's 'ready_status' is some value other than a 1.

-Expected output:

```
{  
  "success_bool" : false,  
  "refreshed_token_str" : some_string_representing_a_refreshed_token  
}
```

5)

-Case: the provided access token is valid, the user is a group, AND the user's 'ready_status' is a 1.

-Expected output:

```
{  
  "success_bool" : true,  
  "refreshed_token_str" : some_string_representing_a_refreshed_token  
}
```

-Note that upon a successful profile update, the user's 'ready_status' changes to a 2.
