

# Ava

Your personal sous chef

Team Friday

Hello!

What are you hungry for, today? I

the all new ui-  
Conversation



No drop downs,  
no hierarchy navigations  
Talk human

# The Search

# The Search

U -->        1   1   1   1   1

R1 -->       1   0   0   1   1  
              ^     ^

R2 -->       1     1   0   1   1



# The Pantry

Hello!  
What are you hungry for, today?

eg. chicken



## Pantry

Vegetables +

Spices +

Meat +

Fruits +

Sauces -

☐ Tomato sauce

☐ Pesto

☐ Chicken gravy

☐ Alfredo sauce

Misc +

SUBMIT

ADD

Behind the scenes

# The Backend

```
function login() {  
    var ava_response = "Let me know it's you!";  
    var element = {"action": "login"};  
    set_ava_response(ava_response);  
    set_ava_board(element);  
}
```

```
function get_user_token() {  
    return localStorage.getItem('user_token');  
}
```

```
function get_user_image() {  
    return localStorage.getItem('user_image');  
}
```

```
function set_user_image(user_image) {  
    localStorage.setItem('user_image', user_image);  
}
```

```
function is_user_logged_in() {  
    user_token=localStorage.getItem('user_token');  
    if(user_token){  
        return true;  
    }else {  
        return false;  
    }  
}
```

Architecture



Client



Application  
Server  
[Django]



Database  
[Postgresql]



Server

```
{  
  
  "action": "ack",  
  
  "On_ack":{  
  
    "ava_response":"Cool! Let's sign you up",  
  
    "Action":"signup",  
  
  },  
  
  "On_nack":{  
  
    "ava_response":"Hmm... let's continue with the search then",  
  
    "Action":"search"  
  
  }  
  
}
```

On the screens

# The Frontend



```
function set_ava_response(ava_response) {  
    $('#ava_response').typelt({strings:ava_response, speed:30});  
}
```

```
function set_user_image_dashboard(user_image) {  
    remove_login();  
    $('#nav-user').html(nav_user);  
    if(user_image){  
        $('#nav-user-image').attr("src",user_image);  
    }  
}
```

```
function set_user_items(element){  
    var user_token = element.user_token;  
    set_user_token(user_token);  
    var user_id = element.user_id;  
    set_user_id(user_id);  
    var user_image = element.user_image;  
    set_user_image(user_image);  
}
```

```
function get_response_on(ack){  
    if(ack){  
        return localStorage.getItem('response_on_ack');  
    }  
    else {  
        return localStorage.getItem('response_on_nack');  
    }  
}
```

```
if action == ASK_IF_TO_RETRY_LOGIN:
    # ask if to retry
    response["data"]["response"] += " Do you want to retry login?"
    # next action
    response["action"] = USER_ACK
    return response

if action == USER_ACK:
    if query in AFFIRMATIONS:
        response["data"]["response"] = "Alrighty! email please?"
        # next action
        response["action"] = EMAIL_INPUT
        return response
    else:
        try:
            prev_intent = context["prev_intent"]
            prev_action = context["prev_action"]
        except:
            response["data"]["response"] = "...So, what are you looking for today ?"
            return response

    response = perform_intent_function_and_get_response(request, response, query,
    prev_intent, prev_action ,context)
    return response
```

THANK YOU