	HOURS	PAGE	DIAGRAM		
	0.5	**Main_Page_1**	**D1**	**Main Menu**	Notes
	1	Main_Page_2		Login	
	0.25	Main_Page_3		Forgot Password	
	2	Main_Page_4		Currier Registration	
	0.25	Main_Page_5		Restaurant Registration	(recycled Currier registration)
	0.5	Main_Page_6		Initial Restaurant Registration	(recycled Restaurant registration)
	0.5	Main_Page_7		Contact Help	
	2	**DG_page_1**	**D2**	**DG Menu (Passive)**	
	1	DG_page_2	D3	Work Schedule	
	1	DG_page_3		DG Check-In	(partially recycled from Passive DG Menu)
	0.5	DG_page_4		DG History	(partially recycled from Work Schedule)
	0.5	DG_page_5		DG Settings	
	1	DG_page_6	D2	DG Menu (Active)	(recycled from Passive DG Menu)
	0.25	DG_page_7		Check Package	easier to use argument instead of webpage?
	0.5	DG_page_8		Take Call-In Order	
	0.5	DG_page_9		Deliver Call-In Order	
	5	DG_page_10		Handle Web Order	
	0.5	DG_page_11		Check Package Response	
	0.5	DG_page_12		Schedule Break	
	1.5	**Vendor_page_1**	**D4**	**Vendor Menu**	(partially recycled from Work Schedule)
	0.5	Vendor_page_2		New Vendor Order	
	0.5	Vendor_page_3		Vendor History	(recycled from DG history)
Total Hours	**20.75**				
$ / Hr.	**$20.00**				

I. **Main Pages** [no authentication]

Main_Page_1 --> Main Menu *(see diagram 1)*

       Selection 1 --> Set Language   --> reload Main_Page_1

       Option 1 --> Login   --> directed to Main_Page_2
       Option 2 --> Currier Registration   --> directed to Main_Page_3
       Option 3 --> Restaurant Registration   --> directed to Main_Page_4
       Option 4 --> Contact Help   --> directed to Main_Page_5

Main_Page_2 --> Login

       Form with username, password, and "Forgot Password?" feature.

       Upon successful authentication and returning { user_type }:

              If user_type == DG   --> directed to DG_Page_1.
              If user_type == Vendor   --> directed to Vendor_Page_1.

Main_Page_3 --> "Forgot Password?"

       Form for submitting phone number   --> directed to Main_Page_1

Main_Page_4 --> Currier Registration

       Form for:

- Currier Info: { first name, last name, address, email, phone number, emergency contact, payment_method }
- Device Info: { (gathered by Phone App plugin?) }

       Form also includes validation.

       Upon registration, login via background, and goto DG_Page_1.

<u>Main_Page_5</u> --> Restaurant Registration

Form for:

- Restaurant Contact Info: { selection from available restaurants, contact name, number }
- Device Info: { (gathered by Phone App plugin?) }

Form also includes validation.

Upon registration, login via background, and goto <u>Vendor_Page_1</u>.

<u>Main_Page_6</u> --> Contact Help

By default, if recognized device via PhoneGap, then confirm and initialize call.

Else, display, as links, phone number and email.

Return to <u>Main_Page_1</u>

<u>Main_Page_7</u> --> Initial Restaurant Registration   **[authenticated Master only]**

Form for Vendor Info: { vend_name, vend_address, primary_contact_name,
                        primary_contact_number, primary_contact_email,
                        vend_number, vend_email }

Return to <u>Main_Page_1</u>

II. **DG Pages** **[authenticated Currier only]**

DG_Page_1 --> Passive DG Menu *(see diagram 2)*

    On Load --> default is { Active_DG == False }
           submit form Work with "Check In" and "Start",
           form Work returns table of authenticated DG work times, and
           { Day, Time, Area }are set from first row in table.

        Response A: Header 1 --> link with text "Check In Now"
        Response B: Header 1 --> link with text "Next Check-In at { Day, Time, Area }" from
        Response C: Header 1 --> link with text "Find Work"

    Option 1 --> Work Schedule   --> directed to DG_Page_2
    Option 2 --> Check In   --> directed to DG_Page_3
    Option 3 --> History   --> directed to DG_Page_4
    Option 4 --> Settings   --> directed to DG_Page_5
    Option 5 --> Contact Help   --> directed to Main_Page_5
       - Request includes { user_type == "DG" , last_page = "Passive DG Menu" }
    Option 6 --> Log Out / Quit   --> directed to Main_Page_1

DG_Page_2 --> Work Schedule *(see diagram 3)*

    Table, populated by database query, having fields { "Availability", Day, Time, Area, Pay }
       - For "Availability":
           ▪ If no work already scheduled for DG, use blank check box.
           ▪ Else, if already scheduled, use image of checkmark & link for submitting Work Form with "Cancel"

    Back Button, to return to DG_Page_1

DG_Page_3 --> Check-in

    On Load --> submit form Work with "Check In"

        Response A: set Active_DG to "True"   --> directed to DG_Page_6
        Response B: flash notification with Text 1   --> directed to DG_Page_6

If no work scheduled for DG,
     Text 1 = "No work scheduled. Please select from Work Schedule."

If work scheduled for today but starts more than 15 minutes from now,
     Text 1 = "Next Check-In for Today at { T = returned time value – 15 minutes} \n\n
          Check work schedule for other opportunities."

If no work scheduled for today,
     Text 1 = "No work scheduled for you today. \n\n
          Check work schedule for other opportunities."

DG_Page_4 --> DG History

Table, populated by database query, having fields { Day, Time, Area, Pay }
Back Button, to return to DG_Page_1

DG_Page_5 --> DG Settings

Form with Option for method of payment {cash or check} fetched/pushed to database
Back Button, to return to DG_Page_1

DG_Page_6 --> Active DG Menu   *(see diagram 2)*

On Load -->   set Active_DG to True
          "Update Location" request sent to server with { Time, Location, Battery, GPS Accuracy, etc… }

          Result stores a hidden table ("Next Location") on the page.
          Result includes fields: { next_address, pickup_time, pickup_ID }

Header 1 --> Shows first entry of Next Location with formatting for pick_up_time with color (green/red) and negative sign ("-").

Option 1 --> Check Package   --> directed to DG_Page_7

Option 2 --> Get Pick Ups / Update Location   --> reload DG_Page_6

Option 3 --> Schedule Break   --> directed to DG_Page_12

Option 4 --> Check-out

- Query DB.
- If at end of K's scheduled work time (or within 15 minutes), request confirmation;
  - Else, Display DG_Check_Out_Text_1, request confirmation.
- Upon confirmation, set Active_DG to "True" and goto to DG_Page_6

DG_Page_7 --> Check Package

    If { order_type==call_in & order_status==pick_up }   --> directed to DG_Page_8
    If { order_type==call_in & order_status==deliver }   --> directed to DG_Page_9

    If { order_type==web & order_status==pick_up }   --> directed to DG_Page_10
    If { order_type==web & order_status==deliver }   --> directed to DG_Page_10

DG_Page_8 --> Take Call-In Order

    Form for: --> directed to DG_Page_11

- inputting { pickup_id }, and also
- submitting { order_type, order_status, pickup_address, pickup_time }

DG_Page_9 --> Deliver Call-In Order

    Form for: --> directed to DG_Page_6

- inputting Tracking Info { pickup_id, order_tip, order_total }

DG_Page_10 --> Handle Web Order

    Scan QR code with confirmation and save as { QR_url }

    Form with: --> directed to DG_Page_11

    { order_type, order_status, QR_url, pickup_address, pickup_time, pickup_id }, and using null or blank values for default values.

DG_Page_11 --> Check Package Response

    Server responds with variables indicating one of several notifications similar to the following:

        Red display notification with "stop_text_1"   --> directed to DG_Page_10

        Yellow display notification with "wait_text_1"   --> directed to DG_Page_6

        Green display notification with "go_text_1"   --> directed to DG_Page_6

    If { order_status==deliver }, then notification presented to confirm package is being delivered at current address (which should currently be next_location). Delivery variables (coordinates and delivery time) are transmitted to server immediately or upon next server operation when service is available.

DG_Page_12 --> Schedule Break

    Form with options for 5, 20 min break and cancel

III.   Vendor Pages   [authenticated Vendor only]

Vendor_Page_1 --> Vendor Menu   *(see diagram 3)*

    Options Menu -->

       - Option 1: History   --> directed to Vendor_Page_3
       - Option 2: Log Out / Quit

    Header 1 --> link to New Order   --> directed to Vendor_Page_2

    Table of Scheduled Orders with each row having:
      1. Order ID
      2. Address
      3. Expected Pick Up Time
      4. DG ID
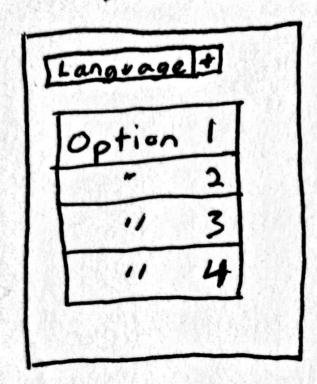   5. Buttons: Delay/Cancel

Vendor_Page_2 --> New Vendor Order

     Form with Fields { deliv_address, pickup_time }   --> directed to Vendor_Page_1
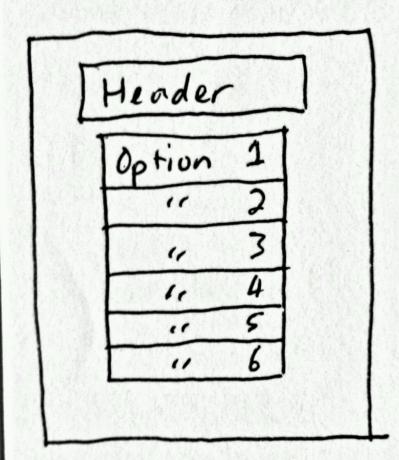
Vendor_Page_3 --> Vendor History

     Table display of data for all orders
     Back Button, to return to Vendor_Page_1

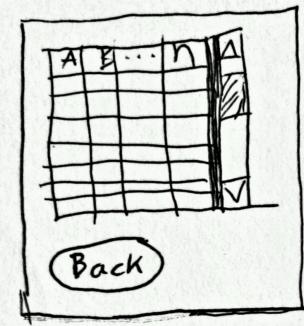# Main Menu

Language ｜+

Option 1
" 2
" 3
" 4

1. Login
2. Currier
   Registration
3. Restaurant
   Registration
4. Contact Help

D1.

Active/Passive DG Menu

Header

Option	1
"	2
"	3
"	4
"	5
"	6

D2

Work Schedule

A. Availability
B. Day
C. Time
D. Area
E. $

Back

Field: Availability

☐ | Cancel

D3

Vendor Menu

Options +

New Order

1	2	3	4	5	6	7

D4