

This is rough wireframes of each page. However, the forms can be re-arranged for effectiveness. Colored cell means that user will provide some inputs. The same cell background color usually indicates the same group per logical perspective. For example, green background is associated with patient table, and yellow background is associated with new\_visit table.

Single line/ Multi line text entry must follow column type of the table. For example, VARCHAR(255) type means that user input supposed to be in a single line. TEXT type will expect multi-lined user entry. I tried to match them on this wireframe, but in case that wireframe representation and table representation don't match, please follow the sqlite column type.

All data of the columns in sqlite3 tables should be acquired from the web form, or it could be populated. For example date can be auto applied. Doctor field is simply login user. If any column is not clear based on this, please let me know.

When pip dependencies are added, please specify so that I can setup venv.

If auto incrementing pkey is necessary, please feel free to add on your own.

My design only requires patient\_pkey, which is generated with a convention. "patient\_key" format is Cyymmdd(S|S+)

- C: First character of Last name. For example, 'C' for 'Chung'
- yymmdd: short date form **for today**
- S: Suffix. Reset every day, starting from 1 (or 0 for convenience.)

So, valid patient\_keys are:

- C1910151: C + 191015 + 1
- S19101515: S + 191015 + 15

I tried to organize page flow as dependencies.  
Possible work flow might be:

Main Page → New Patient → END  
Main Page → Patient Detail → END  
Main Page → Patient Detail → New Visit → END  
Main Page → Patient Detail → Returning Visit → END  
Main Page → Revenue Report → END

If you find a creative way for a workflow, let me know.

Thank you for helping us writing this project.

## <Main Page after Login>

<Revenue Report button>				
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Search		<submit>	<new patient>
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### <Result of Search>

Patient Key - sort(toggle)	First name - sort	Last name - sort	DOB	Address1 + Address2
<Link to the patient detail page> Firstname Lastname - DOB				
.	Firstname	Lastname	DOB	Addr1 and addr2
.	.	.	.	
.	.	.	.	

- \* Search will return Any patient having search text in ( part of first name, part of last name, phone1, phone2, part of email ).
- \* Search with len(search\_text) < 3 is not a valid search criteria.
- \* Search is not case-sensitive.
- \* If search result is longer than 50, Truncate after 50, and indicate that Result is truncated.

## <New Patient Page>

- This form/table holds Patients historic and personal information.

FirstName		LastName		DOB	
Gender	(M/F)	Height		Weight	
Addr1					
Addr2					
Phone1		Phone2			
email					
Medical History					
Medication					
Family Hx					
Allergy					
NOTE					
<Create button>					

\* Phone number is stored in digit only, but presented in (ddd) ddd-dddd format.

\* email can be free text.

## <Patient Detail Page>

[patient\_key]

FirstName		LastName		DOB	
Gender	(M/F)	Height		Weight	
Addr1					
Addr2					
Phone1					
Phone2					
email					
Medical History					
Medications					
Family Hx					
Allergy					
NOTE					
Attachment	<read-only-url> : This field for a seperate system. If not null, Present the content of patient.attachment as URL link. (<a> tag)				
<Update button>					

### <List of Visits sorted by Dates>

Date 1	<pop-up link for new_visit> new_visit.chief_complaint
Date 2	<pop-up link for visit> visit.chief_complaint
.	.
.	.
.	.
<Create new Visit> <Create Visit>	

## (pop-up) <New Patient Visit Page> / <Update Page>

- From the button: <Create New Visit>

[patient\_key]

FirstName		LastName		DOB	
Gender	(M/F)	Height		Weight	

### <Intake Form>

temperature		Blood Pressure			Heart rate (bpm)	
*Chief Complaint						
location				Onset		
Provocation				Palliation		
Quality				Region		
Severity				Frequency		
Timing				Possible cause		
Remarks						
Present Illness						
Medical History	<This is from patient table and updates to patient table>					

Medications	<This is from patient table and updates to patient table>
Family Hx	<This is from patient table and updates to patient table>
Allergy	<This is from patient table and updates to patient table>

<b>Ten Questions and ROS</b>					
Fever		Perspiration		Thirst	
Appetite		Digestion		Taste	
Bowel Movement					

Urine	
Sleep	
Pain	

<b>Tongue</b>					
Consciousness		Energy Level /10		Stress Level /10	
Pulse L		Pulse R		--	

<b>Woman Only</b> (If shown/hidden based on patient.gender, that helps)						
Menarche	(yrs old)	Menopause	(yrs old)	# of Pregnancy		# of Child
Miscarriage		Leukorrhea		Birth control	(Y/N, Yrs)	
Menstruation						

TCM Diagnosis	Treatment Principle	Acupuncture Points
(new_visit.tcm_diag_1)	(new_visit.treat_principle)	(new_visit.acu_points)
(new_visit.tcm_diag_2)		
(new_visit.tcm_diag_3)		
(new_visit.tcm_diag_4)		

- Developer note: Reference column in ()

<b>Other Treatment</b>					
Moxa	(check box)	Cupping	(check box)	Electro Acupuncture	(check box)
Auricular					
Condition Treated					

<b>Fee</b>	\$ nn.nn	<b>PAID</b>	(CHECK BOX)
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Note	
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<Create button> or <Update button>

- Note: The doctor(username) who checks the PAID check-box will be updated into new\_visit.paid\_check\_by field. This is in case that treatment and payment are handled by different doctors.

## (pop-up) <Returning Patient Visit Page> / <Update Page>

- From the button: <Create Visit>

[patient\_key]

FirstName		LastName		DOB	
Gender	(M/F)	Height		Weight	
Medical History					
Medication					
Allergy					

<Intake Form>

temperature		Blood Pressure			Heart rate (bpm)	
*Chief Complaint						
Present Illness						
Feedback from previous treatment						

Appetite		Digestion	
Bowel Movement			

Sleep	
Tongue	

Pulse L		Pulse R	
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TCM Diagnosis	Treatment Principle	Acupuncture Points
(visit.tcm_diag_1)	(visit.treat_principle)	(visit.acu_points)
(visit.tcm_diag_2)		
(visit.tcm_diag_3)		
(visit.tcm_diag_4)		

- Developer Note: Apply the same logic from New-Visit page, but to visit table.

Other Treatment					
Moxa	(check box)	Cupping	(check box)	Electro Acupuncture	(check box)

Auricular	
Condition Treated	

<b>Fee</b>	\$ nn.nn	<b>PAID</b>	(CHECK BOX)
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Note	
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<Create button> or <Update button>

- Note: The doctor(username) who checks the PAID check-box will be updated into new\_visit.paid\_check\_by field. This is in case that treatment and payment are handled by different doctors.



## <Revenue Report>

From	<date-input>	To	<date-input>	<submit>
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- Dev Note: By default, it will print today's report.
- <date-input> can be date-chooser control, or "mm/dd/yy" or "yyyy-mm-dd" format.

### <Result>

Today total: N Patients, \$ nnn.nn

- Doctor 1 username: N patients, \$ nnn.nn (regardless of paid field)
- Doctor 2 username: N patients, \$ nnn.nn (regardless of paid field)

- ...

- (Note: We have only 2 doctors as of today. )

Patient Name (sort)	Chief complaint	Doctor (sort)	Fee	Paid (sort)	Verified by (sort)	Note
				yes/NO		

~~-(This report should show both new visit and visit tables' result.)~~

- **(This report should show visit tables' result)**