

Saving Grandpa

The Hungry Cells:

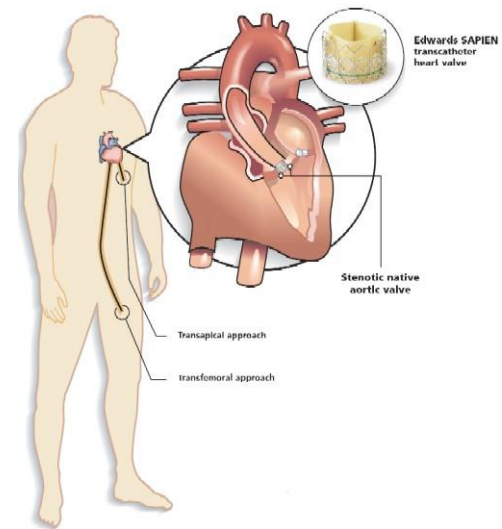
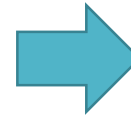
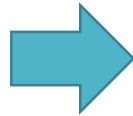
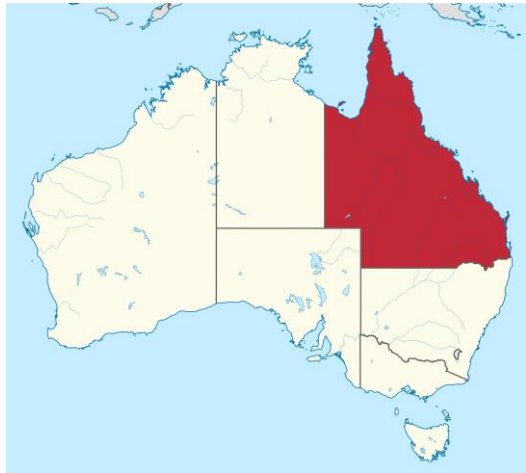
- Jerome: Doctor, snack bringer
- Abbi: Designer, cell feeder
- Thea: Coder, snack eater



Grandpa has been saved!



The Problem



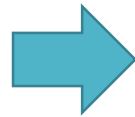
The Excel Spreadsheet

[illegible]

The Excel Spreadsheet

[illegible]

The Solution



Demonstration of Hungry Cells

Index - Hungry Cells

localhost:52851/?Length=5

Search

Log in

New Patient

Last Name

Q

First Name	Last Name	UR	DOB	Status	
Carson	Alexander	123456	01/12/1955	Referred	Edit
Meredith	Alonso	123457	19/09/1982	Referred	Edit
Arturo	Anand	123458	15/10/1947	In Testing	Edit
Gytis	Barzdukas	123459	22/02/1945	In Testing	Edit
Yan	Li	123450	04/04/1929	In Testing	Edit
Peggy	Justice	123451	10/05/1963	Having Procedure	Edit
Laura	Norman	123452	19/07/1942	Not fit for Procedure	Edit
Nino	Olivetto	123453	30/03/1956	Had Procedure	Edit

Demonstration of Hungry Cells

Index - Hungry Cells

localhost:52851/?SearchString=Justice

Search

Log in

New Patient

Justice

Q

First Name	Last Name	UR	DOB	Status	
Peggy	Justice	123451	10/05/1963	Having Procedure	Edit

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Demonstration of Hungry Cells

Details - Hungry Cells

localhost:52851/Patients/Details/6

Search

Log in

Peggy Justice

Back to ListEdit

Patient Information

First Name	Peggy
Last Name	Justice
UR	123451
DOB	10/05/1963
DVA	<div>True</div>
Status	Having Procedure

Referral Information

Referral Date	04/07/2016
Referral Source	Dr Harbison

Procedure Details

Investigations

60%

Test	Date
Surgeon Review	
PBAV	
Echo	
RFTs	
Angio	
CT TAVI	
Further test req	
Carotid	
Dental clearance	
Prof Walters r/v	

Demonstration of Hungry Cells

Edit - Hungry Cells

localhost:52851/Patients/Edit/6

Search

Log in

Edit Details

Back to ListSave

Patient Information

First Name

Peggy

Last Name

Justice

UR

123451

DOB

10/05/1963

DVA

True

Status

Having Proc

Referral Information

Referral Date

04/07/2016

Investigations

60%

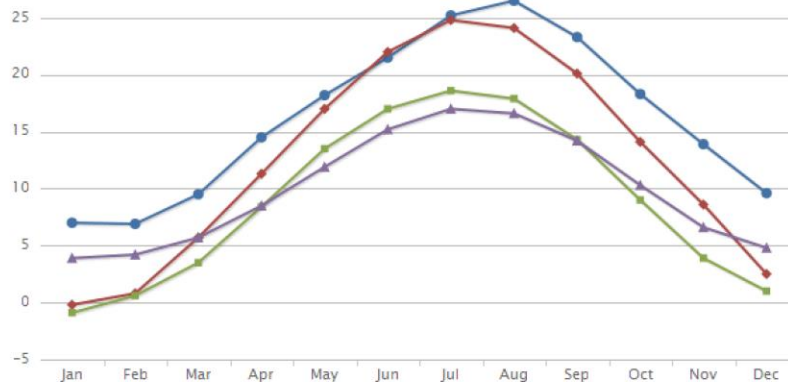
Test	Date
Surgeon Review	
PBAV	
Echo	
RFTs	
Angio	
CT TAVI	
Further test req	
Carotid	
Dental clearance	
Prof Walters r/v	

Demonstration of Hungry Cells



Follow Up

Patient Shortness of Breath



Message:

How short of breath are you feeling, Peggy?

Send

Demonstration of Hungry Cells

Details - Hungry Cells

localhost:52851/Patients/Details/1

Search

Log in

Referral Information

Referral Date

13/10/2016

Referral Source

Dr Davids

Procedure Details

Procedure Date

Procedure Type

Valve Type

Delete Patient

Angio

CT TAVI

Further test req

Carotid

Dental clearance

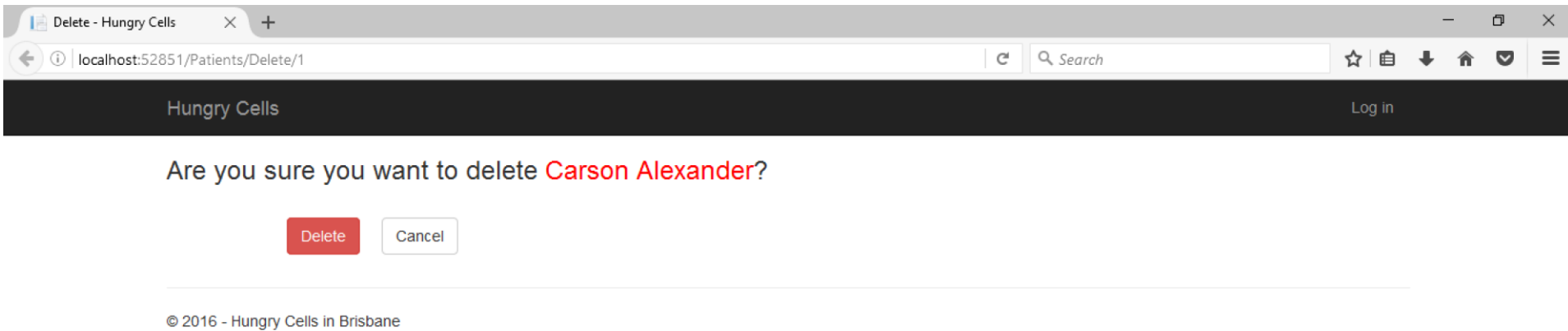
Prof Walters r/v

Follow Up

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localhost:52851/Patients/Delete/1

Demonstration of Hungry Cells



Summary

Easy to Implement

- Path to implementation eased by local network

User Friendly

Scalable

- Can be used in any hospital

- Built with one specific procedure in mind but the same problem (ie excel!!!!!!) exists with other procedures

Documented