

Innisfree Village

Robert, Bethany, Will, Xavier, Zoe, and
Domenic

Innisfree Village

- “A lifesharing community with adults with disabilities”
- The village has several homes where residents and volunteers live together
- They spend their days doing work that helps to sustain the village
 - Workstations: gardening, carpentry, baking, and weaving
- Residents have complex medical needs and have many appointments
- Shared cars are used to take residents to the doctor
- All of this (making appointments and taking out cars) is scheduled with Excel and a paper calendar...



Our Goals

- Major Requirements
 - Web portal with user levels
 - Appointment scheduling
 - Notifications to volunteers
 - Report generation
- Desired Requirements
 - Mobile interface
 - Car sign-out

Our System

- Ruby on Rails!



Web Portal

- User accounts
 - Need to set and reset passwords
- Three levels of access
 - Office staff (administrators)
 - Volunteers
 - Workstation heads

Editing User

Name

Phone

Email

Password (*leave blank if you don't want to change it*)

Password confirmation

Current password (*we need your current password to confirm password changes*)

House

Check to receive email reminders and digests

[Show User](#) | [View Users](#) | [View Admin](#) | [Delete User](#)

Web Portal

User Management

New User

Name	House	Email	Admin?	Emails?	Coordinator?	Edit	Delete
Aaron Bloomfield	Office Staff	aaron@virginia.edu	Y	N	N	Edit	Delete
Jamie	Office Staff	bef2cj@virginia.edu	Y	N	N	Edit	Delete
Zoe	No house linked	hz9cx@virginia.edu	Y	N	N	Edit	Delete
Will Emmanuel	Office Staff	wre9fz@virginia.edu	Y	Y	Y	Edit	Delete
Bethany	Office Staff	bac5rc@virginia.edu	Y	N	N	Edit	Delete
Xavier	Office Staff	xvp2he@virginia.edu	Y	N	N	Edit	Delete

Scheduling Appointments

Resident Appointments

Sort by houses

Office Staff

Sort by residents

All Residents

New Appointment

Upcoming

Resident	Doctor	Assigned Volunteer	Date	Time	Type	Notes	
Nicholas VonHohenberg	Cohn (map)	Susana Felix	May 15th, 2015	10:30 AM		appt for endoscopy procedure	Details
Philip Dreilinger	Dameron- West (map)	Etienne Lipinski	June 24th, 2015	9:00 AM			Details
James Lewis	Askew (map)		April 27th, 2015	2:30 PM	Check-up	dermatology appt to address mole on back and acne on face	Details
Nicholas VonHohenberg	Cohn (map)	Susana Felix	May 25th, 2015	10:30 AM	Check-up	appt for endoscopy procedure	Details
Andy Crump	Covert (map)	Giacomo Dalchow	May 26th, 2015	10:00 AM	Check-up	Optometrist	Details
Wilbur Mitch Pearce	Miller (map)	Graham Mullen	April 14th, 2015	2:40 PM	Orthopedics	discuss knee minor (scrape)surgery	Details

Scheduling Appointments

New appointment

Resident*

Aladdin x ▾

Doctor *

Select an Option ▼

Volunteer

Aaron Bloomfield x ▾

Date

2015 April 6 ▼

Time

09 AM : 00 ▼

Appointment type *

dentist x ▾

[Manage Appointment Types](#)

Notes

* Required field

[Create Appointment](#)

Resident: Nicholas VonHohenberg

Doctor: Cohn

Volunteer: Susana Felix

Date: May 15th, 2015

Time: 10:30 AM

Type:

Notes: appt for endoscopy procedure

[Edit](#) | [Delete](#) | [Cancel](#) | [Copy Appointment](#) | [Back to Appointments](#)

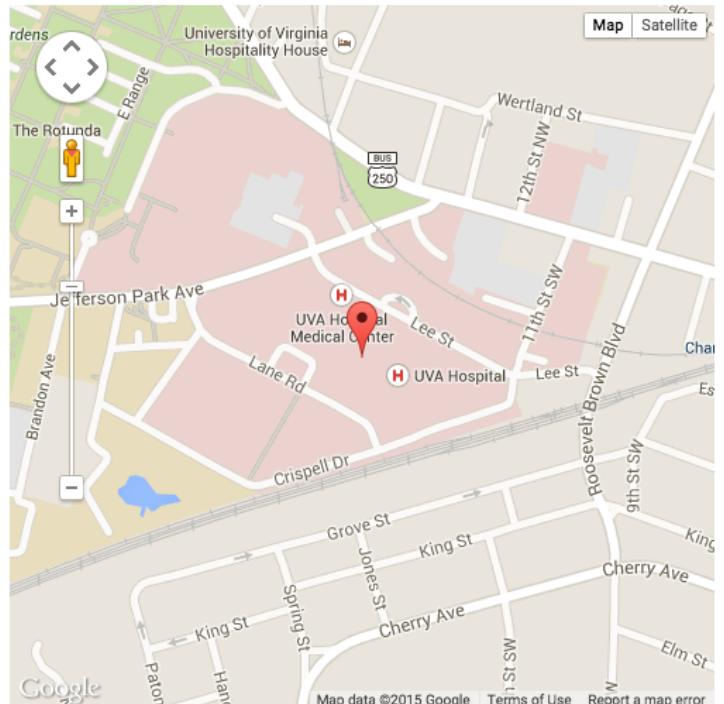
[New Appointment](#)

[Set Reminder to Schedule Follow-up Appointment](#)

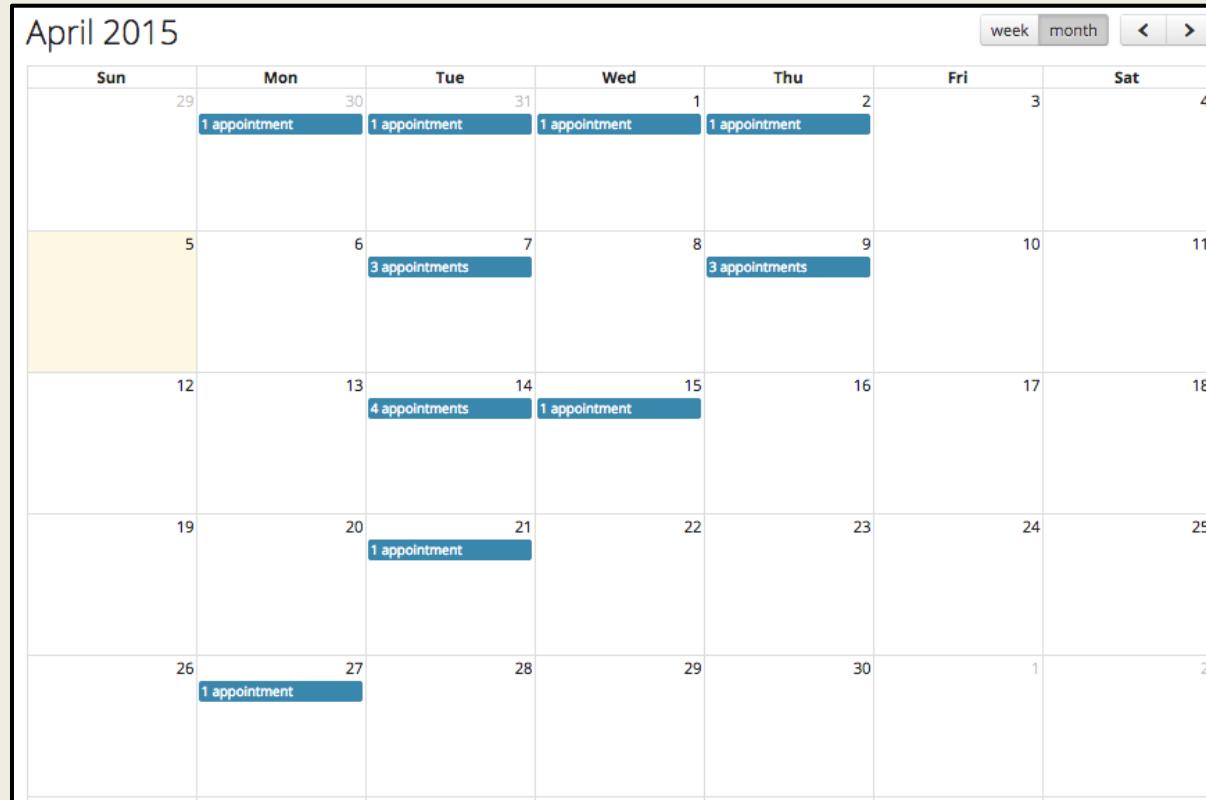
[Send house reminder](#)

Revisions to this Appointment

- Wes Andrews created the appointment 19 days ago.



Scheduling Appointments



Volunteer Notifications

- Lots of emails
 - Weekly and daily appointment digests
 - Reminders to schedule future appointments
 - Button to remind assigned volunteers
- Filtered to only show relevant appointments
- This requirement changed... a lot
 - As we added more, they realized more that they wanted

Report Generation

- Look at all appointment data with relevant filters
 - Time range
 - Specific resident
 - Appointment type
 - Specific doctor
- CSV and PDF formats
- Evolved as system developed
- Our systems is really good at tracking everything that is going on

Reports Generation

Houses:

Office Staff

Residents:

All

Doctors:

All

Appointment type:

psychologist

From: 03/01/2015

To: 04/01/2015

Format: CSV PDF

Generate Report

Report Generation



INNISFREE VILLAGE
a lifesharing community with adults with disabilities

Date	Time	Resident	House	Volunteer	Doctor	Type
March 10th, 2015	12:00 PM	Ellie Gronemeyer	Walden	Marina Pratt	Troncoso	psychologist
March 17th, 2015	12:00 PM	Brooke Robbins	Laurel	Becca Vaughan	Troncoso	psychologist
March 17th, 2015	3:45 PM	Ellie Gronemeyer	Walden	Marina Pratt	Troncoso	psychologist
March 19th, 2015	8:30 AM	Ellie Gronemeyer	Walden	Marina Pratt	Dr. Sperling	psychologist
March 23rd, 2015	1:00 PM	Philip Dreilinger	Laurel	Becca Vaughan	Dameron- West	psychologist

Mobile Interface

Innisfree ≡

Resident Appointments

Sort by houses

Office Staff ▼

Sort by residents

All Residents ▼

New Appointment

Apr 5 — May 2, 2015

week month < >

Tuesday	Apr 7, 2015
3 appointments	

Wednesday	Apr 8, 2015

Thursday	Apr 9, 2015
3 appointments	

Car Sign-Out

- Select date and time range to see what is available
- Can update reservations on the fly for unexpected changes
- Manage cars to add and delete cars

New Car Reservation

Reservation date

Start time :

End time :

See Available Cars

Car Sign-Out

Car Reservations ([Manage Cars](#))

[New Reservation](#)

Apr 5 — 11, 2015 today < >

	Sun 4/5	Mon 4/6	Tue 4/7	Wed 4/8	Thu 4/9	Fri 4/10	Sat 4/11
all-day							
6am							
7am							
8am							
9am							
10am							
11am							
12pm				12:00 - 2:00 Blue Car reserved by Bethany			
1pm							
2pm							

Wrapping Up

- Customers are no longer...
 - heading to the central office whenever they want to make an appointment or sign out a car
 - calling from the doctor's office to see when the schedule is open
 - leaving annoying paper reminders for each other
 - (now they're sending annoying emails)
- Challenges
 - Not everyone has a smartphone
 - Wifi is still being implemented
- All development goals were met