

VolDB Timeline & Requirements

Last Updated: 11/20/2024 | Created 2/2/2017 by Izzy

Timeline

1. June - Event
2. April - Big push for shift sign-up
3. March - Tickets go on-sale and this is when the VolDB should be live by
 - From 2014 on the VolDB has been live within two weeks of tickets going on-sale
 - Most shifts are entered by that time also
4. Feb - Leads get most shifts entered into VolDB, which are tweaked over time

<http://apourl.co/VolDB> - VolDB Wiki page with info\history on the current volunteer DB solution

Changes needed

All such items should be added as an Issue to the related GitHub project: [Issues · playasoft/volunteers](#)

- **1st Check that an issue doesn't already exist**
- 1) Ability to have dept\shifts hidden until ready to go live 11/19/2024
 - a) Added to GitHub 11/20: [Ability to have shifts show up after a certain date · Issue #251](#)
 - 2) Unable to edit shifts without losing data (days, flags, etc)
 1. [Allow editing of basic shift info without resetting sign-ups · Issue #244 · playasoft/volunteers](#)
 2. This was needed a few times and tedious to save shift info manually and readd folks after shifts were updated
 3. Needed to: Remove password on some, remove flag, and add day to shifts
 - 3) Mobile web browsers version doesn't show time for shifts, without clicking on them
 - a) From: [2024 VolDB Ember Report - Google Docs](#)
 - b) 11/20: GUI being reworked
 - 4) General usability issues and complaints by users (adding, editing, and viewing shifts, reports, user editing)
 - a) From: [2024 VolDB Ember Report - Google Docs](#)
 - 5) No report on flakes
 - a) From: [2024 VolDB Ember Report - Google Docs](#)
 - b) [Need "Performance" value added to reports to track flakes · Issue #237](#)
 - 6) No per event or dept role delegation
 - a) From: [2024 VolDB Ember Report - Google Docs](#)

- b) Currently volunteer.apogaea.com instance is being used by Apogaea, CBE, & DeComp. Elsewhence is using their own instance.
- c) [Delegation by dept · Issue #253 · playasoft/volunteers](#)
- d) [Delegation by event · Issue #252 · playasoft/volunteers](#)

General Requirements

This section and below need to be reviewed and updated based on the current (since 2018) VoIDB. Most of this is from 2017, and was used as source of info by Rachel Fish to create the 2018 VoIDB, based on issues with the old system.

> Reporting, document/cert management (BAMF/Rangers), easy to use shift management, restrict access to special requirement shifts, & cross-event support

1. Easy for users to find and sign-up for shifts
2. Easy for leads to add\edit shifts
3. Bulk update for shifts\Easy of data entry
4. Reporting
 - a. Exporting all shift per department so it can be printed and added to paper binders at event
 - b.
5. Search on user
6. Active lead & Liaison picker
7. Alphabetic sorting of list
 - a. (Depts on right of Shifts pages: <http://volunteer.apogaea.com/admin/shifts/shift/>
 - b. <http://volunteer.apogaea.com/admin/accounts/user/> - Can't sort by User
 - c. Owner drop down on "Change shift"

http://volunteer.apogaea.com/admin/shifts/shift/560/?_changelist_filters=department_id_exact%3D35
8. Change to 12 hour time - **Ember Reports**
9. Increased capacity & optimize
10. Timed out during heavy load days
11. Reporting - **Ember Reports**
12. List of shifts under a department
13. List of all shifts for a person
14. Better admin controls - **Koda**
15. Add\Remove shifts, edit times, set passwords
16. Support for multiple roles w/ descriptions under a department
17. Leaderboard - **Koda**
 - a. Hide\don't count Ignition shifts on leader board
18. Build out a Apo software development team
19. Have a profile - **Nic**
 - a. Submit certifications, attach image, to profile

- i. Track expiration date
- b. Allow lead to validate certs
- c. Filter shifts based on certs - **Nic**
- d. Flags on profile to show what they are qualified for
- 20. Based on number and schedule of shift will determine what type of ticket you get (guaranteed or 1/2 price) - **Nic**
- 21. Then provide ticket codes based on above - **Nic**
- 22. System to track shifts, show\no shows, w/ notes - **Uncle Dave, Izzy, Koda**
- 23. Need to share info in near real-time with gate - **Uncle Dave**
- 24. Single sign-on w/ Google accounts - **Izzy**

BAMF Requirements

1. Have a profile
 1. Submit certifications, attach image
 2. Track expiration date
 3. Allow lead to validate certs
2. Filter shifts based on certs
3. Based on number and schedule of shift will determine what type of ticket you get (guaranteed or 1/2 price)
4. Then provide ticket codes based on above

Ranger Requirements

Summary

1. Add/Remove Shifts under Rangers
 - o Only possible in 2014 version by global admin
 - o Next version should have Dept Admins who can do this
2. On-site usage of VolDB
 - o Possible today with Internet access
 - o Unknown w/o Internet
3. Prevent users from making shift changes after a certain date
 - o Might be possible today, I'll ask Koda
4. Tracking of no shows
 - o Not in there today and don't think it will be in the next version, but I will confirm with Koda
 - o This was done on an Excel export of the shift data last year
5. Export volunteer contact info
 - o Currently it only ask for name and e-mail address, so it needs to add phone and other info. But there is no way for users to export this info today
6. More Role based delegation
 - o None in 2014 version, next version will have Dept Admins at least
 - o BIG change I suspect

7. Workflow for shift approval
 - BIG change I suspect

This is a draft of un-prioritized requirements I whipped up this morning based on what I know currently. Dave, Kim and I will work on the prioritization over the next week or so.

To level-set the expectation, the schedule on the completion of the new DB is behind and it's not looking likely we'll have all of these asks met this year. We also don't think the new DB will be available for the Ranger Training on 3/14. The worst case scenario is that last year's DB will be re-used, and we hope to know that by the end of March. In that case there are still other simpler solutions we can work on with IT to meet these needs in various ways and alleviate some of last years issues.

-Sync

Ranger role types

(who each have different schedules and permissions or access codes):

Mentor (vets and approves mentees)

Khaki (Shift Lead)

Ranger (Standard Dirt Ranger who has approval via mentor or previous experience)

Mentee (Ranger Candidate who hasn't been approved yet)

Other:

Ranger volDB admin (any Ranger technical enough to help configure/update the DB based on requirements below - and has permission via access code/password to do so)

#As a Khaki

I want to update assigned shifts and volunteers on site

So that I can change previously assigned shifts and flag no-shows

I want Rangers to have the ability to add themselves for additional shifts on site

So that they can volunteer more

I want to disallow rangers from un-assigning themselves from shifts after a certain date unless a Khaki takes that action

So that I can track changes and no-shows

I want to track no-shows in real-time

So that I can update them in real-time and have that data shared with other departments that need it

I want to have the most current schedule in a single reliable place

So that I know who is volunteering and when

#As a Ranger

I want to be able to sign up for shifts on-site

So that I can volunteer more

#As a Ranger volDB admin

I want the ability to add/remove available shifts from each Ranger role/type

So that I can easily adapt to changing needs without waiting for another dept to service that request

I want to be able to issue codes/permissions

So that approved rangers, khakis, and mentors can sign up for only their approved shift types

I want the ability to export volunteer information (*at least email, phone number, permissions, and hours worked)

So that I can stay in contact with specific volunteer groups and reward based on contribution

#As a Mentor

I want to be able to schedule mentees

And approve permissions when they pass mentoring

So that they can volunteer as Rangers

#As a Mentee

I want to have the ability to sign up for shifts on site

So that I can volunteer after I pass mentoring

#As an Apo org

I want a single source of truth for volunteer shifts and a tool that makes it easy for volunteers to sign up

So that I can track volunteerism and no-shows

BDD scenarios:

Given a mentee has successfully passed mentoring

When the Mentor approves their account permissions as Ranger (or issues them a code)

Then the mentee (now a Ranger) can sign up for available shifts

Given an unknown ranger adds an account to the VolDB

When the Ranger admin is notified or checks for pending accounts

Then the Ranger admin can grant permissions (or issue code) as Mentee Ranger Khaki or Mentor

Given a Ranger admin is logged in

When then Ranger admin needs to mail a specific Ranger type group

Then the Ranger admin has the ability to dump the current list of that class (or at least all registered rangers in some reasonable format)

Given a Ranger needs to change a shift on site

When the Khaki approves the change

Then the Khaki can update the shift