**Volunteer**

**firstName**: First name of volunteer

String

Required

**lastName**: Last name of volunteer

String

Required

**email**: email of volunteer

mongoose Email schema type

**image**: name of local file with thumbnail image

String

**roles**: names of roles the volunteer can be assigned to

Array of Strings

**prefTimes**: when the volunteer would prefer to be assigned

(i.e. Tuesday 17:00 for 5pm Tuesdays)

Array of prefTimesSchema:

**day**: Day of week the event happens

String

Required

Must be one of “Sunday”, … “Saturday”

**time**: time of weekly event

String

Required

Expected in format “hh:mm” (24 hr clock)

**with**: people to try to assign this volunteer to work with

Array of volunteer Ids

**notWith:** people to AVOID assigning with this volunteer

Array of volunteer ids

**notAvailable:** when this volunteer is NOT available

Array of Strings

Each string expected in “hh:mm” (24 hr clock) format

**Schedule**

**name**: Name of schedule

String

Required

Default – date created

**startDate**: First date of schedule

String (“yyyy-mm-dd” format)

Required

**endDate**: Last date of schedule

String (“yyyy-mm-dd” format)

Required

**version**: (future release)

Append to file name if more than one schedule run

Number

Default: 0

**roles**: names of roles & number of volunteers needed

Array of RoleSchema:

**roleName**: Name of role

String

Required

**numberNeeded**: # of volunteers needed for this role

Number

Default: 1

**weeklyEvents**: day of week & time for each weekly recurring event

(i.e. Tuesday 17:00 for 5pm Tuesdays)

Array of WeeklyEventSchema:

**day**: Day of week the event happens

String

Required

Must be one of “Sunday”, … “Saturday”

**time**: time of weekly event

String

Required

Expected in format “hh:mm” (24 hr clock)