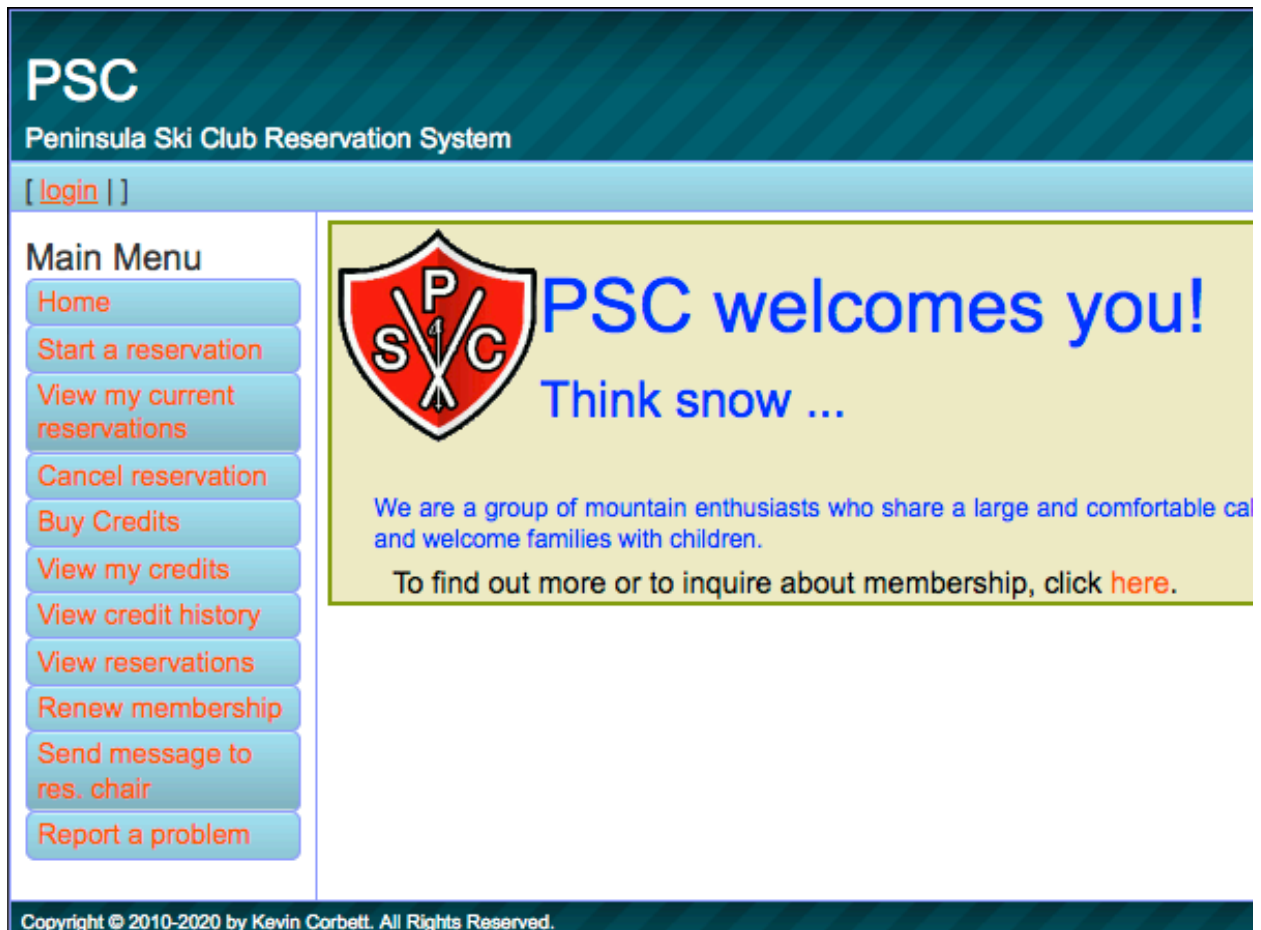# PSC CRS Users Manual

I. Introduction

The PSC RS was written about 2010 by Kevin Corbett, to replace the old PSC reservation system.

II. System

The RS is internet based residing on host SF-based OpalStack. The internet-based user interface is written in html, python, under the web2py IDE (integrated development environment). The database is MySQL running on the OpalStack host.

III. Functions

With the RS system the user can perform a variety of ski cabin functions. Number one is reserving a bed for the night. RS current accepts only credit card payment for this. Beds are assigned on a first come, first served basis. You can also renewal your annual member ship dues through the RS. You can purchase a beverage card, also known as a Bar Card.
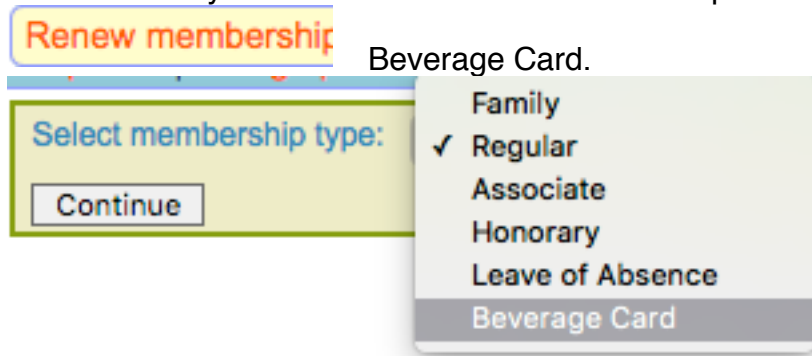
Purchasing credits. Have enough lodge credits in you account to cover the reservation before you make it.

Booking a reservation: Note the following restrictions: can not reserve more than 14 days in advance (15 for board member); can not arrive after departing; can not reserve for more than 10 (without approval); can reserve just parking.

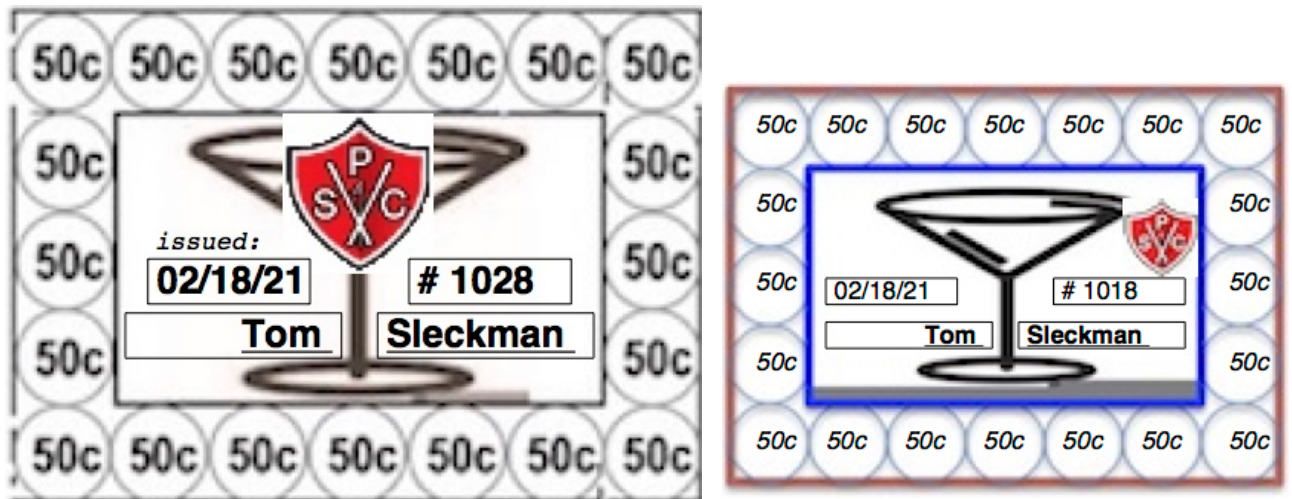Canceling a reservation: restricted to younger than 30 days.

Renew Membership:

Renew Bar Card: Give Don a break, and have your bar card ready to go **before** you arrive at the Lodge. You can now purchase one on the PSC Reservation System under the Renew Membership menu:

Renew membership   Beverage Card.

Select membership type:
  Family
  ✓ Regular
  Associate
  Honorary
  Leave of Absence
  Beverage Card

Continue

Just as you need to renew your membership, you also need to renew your Bar Card /Beverage Card valid for beer, spirits, coffee, and pop as well.

We offer 2 sizes: Wallet and Post-It. Both with the distinctive PSC brand. Your card will be emailed to you. You can print it at home. Anchor it proudly on the board.

50c 50c 50c 50c 50c 50c 50c
50c   50c
50c issued: 50c
     02/18/21   # 1028
50c   Tom   Sleckman   50c
50c   50c
50c 50c 50c 50c 50c 50c 50c

50c 50c 50c 50c 50c 50c 50c
50c   50c
50c   50c
50c 02/18/21   # 1018   50c
       Tom   Sleckman
50c   50c
50c 50c 50c 50c 50c 50c 50c

It's the same $10 price, with the typical 3% surcharge.

IV. Partners & Passwords

No ski club reservation system is an island, and we partner with a variety of other companies, in order to provide the various items and services to make our RS work including:

1. Opal Stack -for web-hosting / database services
    a. portal access
    b. database
    c. mail
    d. ssh
2. Sectigo / GoGetSSL / for security certification (relationship expired)
    a. user/pswd
3. Stripe -credit card processing
    a. user/pswd
    peninsulaskiclub.new
    psc@sleckie.opalstacked.com / a***nG***6
    peninsulaskiclub.org (530) 426-0232
    psc.payment@gmail.com / psc!123!club / psc!123!ski /
Dashboard — psc@sleckie.opalstacked.com

4. Network Solutions - host of www.peninsulaskiclub.org

V. Supporting Software
1. python 2.7
2. web2py 2.21
3. MySQL / MariaDB
https://my.opalstack.com/mariadbs/
https://opal3.opalstacked.com/adminer/
4. CentOS 7
5. uWSGI
6. SSL certificate / Sectigo / GoGetSSL - has been changed to "Let's Encrypt" on March 13, 2021.

VI. Errors and Debugging

Many problems can be resolved with a restart, re-boot, or stop and start. This is true with other machines as well. A software fault in the RS application will often produce a web link, which can be clicked to display detailed error information.

If you encounter an error, take a screen snap, write down any error message or code, and copy and web link produced. Send that information to the

RS chair in an email through the RS, or smooth other way, such as a phone call.

1050 Error - solution:
It is possible that you do not have a `.table` file in the `databases` folder, but yet the `db.auth_user` table already does exist in your database.
The solution to that problem is usually to use `fake_migrate` to generate a corresponding table file. This can be found referenced in the book. Hope that helps.

VII. Security
- SSL Certificate

VIII. Enhancements
- cancel reservation list place in reverse sort order with cancel button on top
- credit history ordered by date sort descending, not transaction type
- Upgrade SSL to "Let's Encrypt". (done ~March 1, 2021)
- can reserve only a parking pass (done ~April 8, 2021)
- Editable Profile
- Python3 migration
- add tom to copyright - license from KC
- you can rent bed without a person. fix?
- I nclude column on Track
- write column on how to report an error. screen snap / copy and sent link/URL
- add new Prices table - remove hardcoding in reservations.py

```
      e.g. winter_prices = {'bunk': 10, 'SuiteA': 45, 'SuiteB': 40,
'SuiteC': 40, 'guest': 5, 'parking': 5}
what's in: self.ofile = open('/home/psc/apps/web2py/web2py/init.log',
'w')
```