**Pseudocode**

1)User prompted with 7 trips in a switch statement. Must have atleast one selection.

While loop to make sure user has atleast one selection.

if (signIn) {

while (choice < 1) {

switch (choice) {

case 1:

"Snorkel Trip - $30"

break;

case 2:

"Snorkel Trip (children under 12) - $25"

break;

case 3:

"Bubble Watcher (adult) - $25"

break;

.... etc for rest of choices

}

}

}

2) User's trip name and total trip made into variables for later usage

var userTrip = choice;

var tripValue = totalChoiceValue;

3) Prompt User for reservation information

var firstName = prompt("Enter first name");

var lastName = prompt("Enter last name");

var fullName = firstName + lastName;

4) User reservation data pulled from database(reservation Array)

for (var i = 0; i < reservationArray.length; i++) {

if (fullName === reservationArray[i]){

return reservationArray[i];

}

}

5) User confirms this data is correct

var confirmation = confirm("Is + " reservationArray[fullName] + " correct");

if (yes) {

proceed

}

else {

user fixes data

}

6) Display SFDH waiver and have user e-sign it and check the acceptance agreement

-display waiver-

while(signature !== userName && checkBox !== true) {

alert("Please enter signature and check the acceptance agreement");

}

7) Prompt user to rent gear if they require it - use switch format similar to trips

user submits when they are done

var gearRental = prompt("Select gear you wish to rent");

switch(gearRental) {

case 1:

"Mask/Snorkel - $5"

break;

case 2:

"Fins - $5"

break;

... etc for rest of choices

}

if(user selects 1 or more selections){

gearTotal = sum of all selections;

}

if(Gear\_submit) {

proceed

}

8) Display the total cost of the trip and the gear

var userTotalCost = (tripValue + gearTotal);

alert(userTotalCost);

9) Prompt user for Cast or Credit

var paymentChoice = prompt("Pay Credit or Cash?");

10) If user opts for cash payment instruct to see an SFDH employee to

complete transaction

if(paymentType === cast){

alert("Please see SFDH employee for assistance");

}

11) If user opts for credit payment, obtain user's credit card info and store in array

If (paymentType === “credit”){

User’s creditName = prompt(“Enter name on credit card”);

User’s cardNumber = prompt(“Enter card number”);

User’s expirationDate = prompt(“Enter expiration date”);

User’s billingAddress = prompt(“Enter billing address”);

User’s securityCode = prompt(“Enter security code”);

var userCard = [creditName, cardNumber, expirationDate, billingAddress,

securityCode];

12) Have user Submit information to proceed to boat assignment

if(paymentSubmit)

Proceed to boat assignment

13) Inform user of their boat and the location of the boat they will board

for the day

If (userTrip === “Scuba”) {

Aqua view + directions

} else if(userTrip === “Snorkel”) {

Black Pearl + directions

}else {

Safari Diver + directions

}

14) User submits and ends the payment phase terminating their session but

looping back to welcome page for next user.

if (paymentSubmit){

Terminate program

Sign In

}