

MINI-CAPSTONE MODULE 2  
Tables/Classes/DAO's required

1. **Park:**
  1. Requirements: List ALL \* available parks sorted by alphabetically by name
    1. **METHODS TO CREATE:**
      1. getAllParks ( )
      2. parkInformation ( )
      3. /referenced/ mapRowToParkName ( )
      4. /referenced/ mapRowTo Park ( )
    2. Include: *id, name, location, established date, area, annual visitor count*, and *description* (already mapped in tables! =)
2. **Campground:**
  1. Requirements: List ALL \* campgrounds available for park selected
    1. **METHODS TO CREATE:**
      1. displayCampgrounds ( )
    2. Include: *id, name, open month, closing month*, and a *daily fee* on site (already mapped in tables! =) )
3. **Pre-Reservation Search:**
  1. Requirements: Desired Campground, a preferred *start date*, and a preferred *end date* (already mapped in tables! =) )
  2. Campsite is *unavailable* if users preferred overlaps with an existing reservation
  3. If no campsites are *available*, indicate to the user that there are no available sites and ask them if they would like to enter in an alternate date range.
  4. TOP 5 available campsites should be displayed in addition to total cost for the stay
  5. **BONUS:** If a date range is entered that occurs during the park off-season, then the user should not see any campsites available for reservation.
  6. **BONUS:** Provide an advanced search functionality allowing users to indicate any requirements they have for maximum occupancy, requires wheelchair accessible site, an rv and its length if required, and if a utility hookup is necessary.
4. **Booking a reservation:**
  1. Requirements: name, start date and end date (already mapped in tables! =) )
  2. A confirmation id is presented to the user once the reservation has been submitted.
5. **BONUS:** Ability to select a park and search for campsite availability across the entire park so that I can make a reservation
  1. List top 5 campsites for each campground
  2. utilize the same rules in the **PreReservation** search
6. **BONUS:**
  1. Ability to see a list of all upcoming reservations within the next 30 days for a selected national park.