```
import { Injectable, TemplateRef } from '@angular/core';
 2
     import { BsModalRef, BsModalService } from 'ngx-bootstrap';
 3
     import { CvDataHandlerService } from '../services/cv-data-handler.service';
4
     import { ImageSet } from './image-set.model';
5
6
     @Injectable()
7
     export class CvImagesService {
       private _modalTemplateRef: TemplateRef<any>;
8
      private _modalRef: BsModalRef;
9
      private _currentImageSet: ImageSet;
private _config = {
10
11
         animated: true,
12
         keyboard: true,
13
14
         backdrop: true,
15
         ignoreBackdropClick: false
16
17
18
       constructor (
19
         public cvDataHandler: CvDataHandlerService,
20
         private modalService: BsModalService
21
       ) {}
22
23
       setModalTemplateRef(modalTemplateRef: TemplateRef<any>) {
24
         this. modalTemplateRef = modalTemplateRef;
25
26
27
       getModalTemplateRef() {
28
         return this. modalTemplateRef;
29
30
31
       getModalRef() {
32
         return this. modalRef;
33
34
35
       getCurrentImageSet() {
36
         return this._currentImageSet;
37
38
39
       // set modal options and set the ids (categoryId and occurrenceId) of the
           occurrence that called the modal
40
       openModal(senderId: string) {
41
         this. setCurrentElementIds(senderId);
42
         this._modalRef = this.modalService.show(
43
           this. modalTemplateRef,
44
           Object.assign({}, this. config, { class: 'gray modal-lg' })
45
         );
       }
46
47
48
       // extract occurrence Ids from the caller button Id
49
       private _setCurrentElementIds(senderId: string) {
50
         const splitId = senderId.split(' ');
         this._currentImageSet = this.cvDataHandler.searchImageSet(splitId[1], splitId[2]);
51
52
       }
53
54
     }
55
```