

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Web;
5 using Sabio.Data.Providers;
6 using Sabio.Web.Domain;
7 using Sabio.Web.Models.Requests.Places;
8 using System.Data.SqlClient;
9 using System.Data;
10 using Sabio.Data;
11 using Sabio.Web.Models.Requests.Tags;
12 using Sabio.Web.Models.Requests.Addresses;
13 using Sabio.Web.Enums;
14 using Sabio.Web.Models.Requests.MyMedia;
15 using Sabio.Web.Domain.MyMedia;
16 using Sabio.Web.Services.MyMedia_Services;
17 using Sabio.Web.Services.Interface;
18 using Microsoft.Practices.Unity;
19 using Sabio.Web.Models.Requests.Rating;
20 using Sabio.Web.Models.Requests.Pagination;
21
22 namespace Sabio.Web.Services
23 {
24     public class PlacesService : BaseService, IPlacesService
25     {
26         [Dependency]
27         public IAddressesService _AddressesService { get; set; }
28
29         [Dependency]
30         public IMediaService _MediaService { get; set; }
31
32
33         //Post
34         public Places Insert(PlacesAdd model)
35         {
36             InsertAddressModel InsertAddress = new InsertAddressModel();
37
38             InsertAddress.UserId = model.UserId;
39             InsertAddress.Address1 = model.Address1;
40             InsertAddress.City = model.City;
41             InsertAddress.State = model.State;
42             InsertAddress.ZipCode = model.ZipCode;
43             InsertAddress.Latitude = model.Latitude;
44             InsertAddress.Longitude = model.Longitude;
45
46             Addresses newModelAddress = _AddressesService.InsertAddress
47                 (InsertAddress);
48
49             MediaAddRequest InsertMedia = new MediaAddRequest();
50
51             InsertMedia.UserId = model.UserId;
52             InsertMedia.MediaType = MediaType.GooglePlaces;
53 }
```

```
54 InsertMedia.Url = model.Url;
55 InsertMedia.DataType = "image/jpeg";
56
57 int MediaId = _MediaService.InsertTest(InsertMedia);
58
59 int id = 0;
60
61 DataProvider.ExecuteNonQuery(GetConnection, "dbo.Places_Insert"
62 , inputParamMapper: delegate (SqlParameterCollection paramCollection)
63 {
64     paramCollection.AddWithValue("@Name", model.Name);
65     paramCollection.AddWithValue("@Description",
66     model.Description);
67     paramCollection.AddWithValue("@UserId", model.UserId);
68     paramCollection.AddWithValue("@OperatingHours",
69     model.OperatingHours);
70     paramCollection.AddWithValue("@PhoneNumber",
71     model.PhoneNumber);
72     paramCollection.AddWithValue("@Website", model.Website);
73     paramCollection.AddWithValue("@GlobalRating",
74     model.GlobalRating);
75     paramCollection.AddWithValue("@MediaId", MediaId);
76     paramCollection.AddWithValue("@LocationId",
77     newModelAddress.Id);
78     paramCollection.AddWithValue("@CategoryId", model.CategoryId);
79     paramCollection.AddWithValue("@Slug", model.Slug);
80     paramCollection.AddWithValue("@ExtPlaceId", model.ExtPlaceId);
81     paramCollection.AddWithValue("@CityId", model.CityId);
82     paramCollection.AddWithValue("@Price", model.Price);
83
84     SqlParameter p = new SqlParameter("@Id",
85     System.Data.SqlDbType.Int);
86     p.Direction = System.Data.ParameterDirection.Output;
87
88     paramCollection.Add(p);
89
90 }, returnParameters: delegate (SqlParameterCollection param)
91 {
92     int.TryParse(param["@Id"].Value.ToString(), out id);
93
94 });
95
96 if (id > 0)
97 {
98     TagsPlacesRequest x = new TagsPlacesRequest();
99     x.TagIds = model.TagIds;
100     x.PlaceId = id;
101
102     InsertRelationship(x);
103
104     return GetPlace(id);
105 }
```

```
102         else
103         {
104             return null;
105         }
106     }
107 }
108
109 //Private Static Method That is used to call Get By Id & Get By Slug
110 public Places mapPlaceAddress(IDataReader reader, short set, Places p)
111 {
112     Addresses a = null;
113     Media m = null;
114     CityPage c = null;
115
116     int startingIndex = 0; //startingOrdinal
117
118     if (set == 0)
119     {
120         p.Id = reader.GetSafeInt32(startingIndex++);
121         p.Created = reader.GetSafeUtcDateTime(startingIndex++);
122         p.Name = reader.GetSafeString(startingIndex++);
123         p.Description = reader.GetSafeString(startingIndex++);
124         p.UserId = reader.GetSafeString(startingIndex++);
125         p.OperatingHours = reader.GetSafeString(startingIndex++);
126         p.PhoneNumber = reader.GetSafeString(startingIndex++);
127         p.Website = reader.GetSafeString(startingIndex++);
128         p.GlobalRating = reader.GetSafeInt32(startingIndex++);
129         p.MediaId = reader.GetSafeInt32(startingIndex++);
130         p.LocationId = reader.GetSafeInt32(startingIndex++);
131         p.CategoryId = reader.GetSafeInt32(startingIndex++);
132         p.Slug = reader.GetSafeString(startingIndex++);
133         p.ExtPlaceId = reader.GetSafeString(startingIndex++);
134         p.CityId = reader.GetSafeInt32(startingIndex++);
135         p.Price = reader.GetSafeInt32(startingIndex++);
136         p.Tags = new List<PlacesTagsDomain>();
137
138         a = new Addresses();
139
140         a.Address1 = reader.GetSafeString(startingIndex++);
141         a.City = reader.GetSafeString(startingIndex++);
142         a.State = reader.GetSafeString(startingIndex++);
143         a.ZipCode = reader.GetSafeString(startingIndex++);
144         a.Latitude = reader.GetSafeDecimal(startingIndex++);
145         a.Longitude = reader.GetSafeDecimal(startingIndex++);
146
147         p.Address = a;
148
149         m = new Media();
150
151         m.MediaType = reader.GetSafeEnum<MediaType>(startingIndex++);
152         m.DataType = reader.GetSafeString(startingIndex++);
153         m.Url = reader.GetSafeString(startingIndex++);
154
155         m.Media = m;
156     }
```

```

157
158         c = new CityPage();
159
160         c.Id = reader.GetSafeInt32(startingIndex++);
161         c.Created = reader.GetSafeDateTime(startingIndex++);
162         c.Name = reader.GetSafeString(startingIndex++);
163         c.Description = reader.GetSafeString(startingIndex++);
164         c.MediaId = reader.GetSafeInt32(startingIndex++);
165         c.Latitude = reader.GetSafeDecimal(startingIndex++);
166         c.Longitude = reader.GetSafeDecimal(startingIndex++);
167         c.Address = reader.GetSafeString(startingIndex++);
168         c.Radius = reader.GetSafeInt32(startingIndex++);
169         c.Slug = reader.GetSafeString(startingIndex++);
170
171
172         p.City = c;
173     }
174     else if (set == 1)
175     {
176         PlacesTagsDomain Tags = new PlacesTagsDomain();
177
178         Tags.Id = reader.GetSafeInt32(startingIndex++);
179         Tags.ParentTagId = reader.GetSafeInt32(startingIndex++);
180         Tags.Created = reader.GetSafeDateTime(startingIndex++);
181         Tags.TagName = reader.GetSafeString(startingIndex++);
182         Tags.TagSlug = reader.GetSafeString(startingIndex++);
183         Tags.AuthorId = reader.GetSafeInt32(startingIndex++);
184         Tags.TypeId = reader.GetSafeEnum<TagTypes>(startingIndex++);
185         Tags.Img = reader.GetSafeString(startingIndex++);
186         Tags.Url = reader.GetSafeString(startingIndex++);
187
188
189         p.Tags.Add(Tags);
190     }
191     return p;
192 }
193
194
195 public List<Places> GetPlaces(IEnumerable<int> ids)
196 {
197     var places = new List<Places>();
198
199     DataProvider.ExecuteCmd(GetConnection, "dbo.Places_SelectByIds",
200         param =>
201     {
202         var p = new SqlParameter("@Ids", SqlDbType.Structured);
203         p.Value = new IntIdTable(ids);
204
205         param.Add(p);
206     }, (reader, set) =>
207     {
208         int startingIndex = 0;
209         Places p = new Places
210         {
211             // ...

```

```
212         Created = reader.GetSafeUtcDateTime(startingIndex++),
213         Name = reader.GetSafeString(startingIndex++),
214         Description = reader.GetSafeString(startingIndex++),
215         UserId = reader.GetSafeString(startingIndex++),
216         OperatingHours = reader.GetSafeString(startingIndex++),
217         PhoneNumber = reader.GetSafeString(startingIndex++),
218         Website = reader.GetSafeString(startingIndex++),
219         GlobalRating = reader.GetSafeInt32(startingIndex++),
220         MediaId = reader.GetSafeInt32(startingIndex++),
221         LocationId = reader.GetSafeInt32(startingIndex++),
222         CategoryId = reader.GetSafeInt32(startingIndex++),
223         Slug = reader.GetSafeString(startingIndex++),
224         ExtPlaceId = reader.GetSafeString(startingIndex++),
225         CityId = reader.GetSafeInt32(startingIndex++),
226         Price = reader.GetSafeInt32(startingIndex++),
227
228         Tags = new List<PlacesTagsDomain>()
229     };
230
231     Addresses a = new Addresses
232     {
233         Address1 = reader.GetSafeString(startingIndex++),
234         City = reader.GetSafeString(startingIndex++),
235         State = reader.GetSafeString(startingIndex++),
236         ZipCode = reader.GetSafeString(startingIndex++),
237         Latitude = reader.GetSafeDecimal(startingIndex++),
238         Longitude = reader.GetSafeDecimal(startingIndex++)
239     };
240
241     p.Address = a;
242
243     Media m = new Media
244     {
245         MediaType = reader.GetSafeEnum<MediaType>(startingIndex++),
246         DataType = reader.GetSafeString(startingIndex++),
247         Url = reader.GetSafeString(startingIndex++)
248     };
249
250     p.Media = m;
251
252     TagsDomain t = new TagsDomain
253     {
254         Id = reader.GetSafeInt32(startingIndex++),
255         ParentTagId = reader.GetSafeInt32(startingIndex++),
256         Created = reader.GetSafeDateTime(startingIndex++),
257         TagName = reader.GetSafeString(startingIndex++),
258         TagSlug = reader.GetSafeString(startingIndex++),
259         AuthorId = reader.GetSafeInt32(startingIndex++),
260         TypeId = reader.GetSafeEnum<TagTypes>(startingIndex++),
261         Img = reader.GetSafeString(startingIndex++),
262         Url = reader.GetSafeString(startingIndex++)
263     };
264
265     p.Category = t;
266
```

```
267         p.City = new CityPage
268         {
269             Id = reader.GetSafeInt32(startingIndex++),
270             Created = reader.GetSafeDateTime(startingIndex++),
271             Name = reader.GetSafeString(startingIndex++),
272             Description = reader.GetSafeString(startingIndex++),
273             MediaId = reader.GetSafeInt32(startingIndex++),
274             Latitude = reader.GetSafeDecimal(startingIndex++),
275             Longitude = reader.GetSafeDecimal(startingIndex++),
276             Address = reader.GetSafeString(startingIndex++),
277             Radius = reader.GetSafeInt32(startingIndex++),
278             Slug = reader.GetSafeString(startingIndex++)
279         };
280
281         places.Add(p);
282     });
283
284     return places;
285 }
286
287 //Get By ID
288 public Places GetPlace(int id)
289 {
290     Places p = null;
291
292     DataProvider.ExecuteCmd(GetConnection, "dbo.Places_SelectById"
293         , inputParamMapper: delegate (SqlParameterCollection
294             paramCollection)
295         {
296             paramCollection.AddWithValue("@Id", id);
297         },
298         map: delegate (IDataReader reader, short set)
299         {
300             if (p == null)
301             {
302                 p = new Places();
303             }
304
305             mapPlaceAddress(reader, set, p);
306         }
307         );
308
309     return (p);
310 }
311
312 //Get By Slug
313 public Places GetPlaceSlug(string Slug)
314 {
315     Places p = null;
316
317
318     DataProvider.ExecuteCmd(GetConnection, "dbo.Places_SelectBySlug"
319         , inputParamMapper: delegate (SqlParameterCollection
320             paramCollection)
```

```

322         paramCollection.AddWithValue("@Slug", Slug);
323     },
324     map: delegate (IDataReader reader, short set)
325     {
326         if (p == null)
327         {
328             p = new Places();
329         }
330
331         mapPlaceAddress(reader, set, p);
332     }
333
334 );
335
336 return p;
337 }
338
339 //Get By List
340 public List<Places> GetList(PaginatedRequest model, ref int TotalCount)
341 {
342     List<Places> list = null;
343
344     int totalCount = 0;
345
346     DataProvider.ExecuteCmd(GetConnection, "dbo.Places_SearchAll"
347         , inputParamMapper: delegate (SqlParameterCollection
348             ParamCollection)
349
350         {
351             ParamCollection.AddWithValue("@currentPage",
352                 model.CurrentPage);
353             ParamCollection.AddWithValue("@itemsPerPage",
354                 model.ItemsPerPage);
355             ParamCollection.AddWithValue("@searchQuery",
356                 model.SearchQuery);
357             ParamCollection.AddWithValue("@sortColumn",
358                 model.SortColumn);
359             ParamCollection.AddWithValue("@sortOrder", model.SortOrder);
360         }
361
362     , map: delegate (IDataReader reader, short set)
363     {
364         Places p = new Places();
365
366         int startingIndex = 0;
367         totalCount = reader.GetSafeInt32(startingIndex++);
368         long ROWNUM = reader.GetSafeInt64(startingIndex++);
369         p.Id = reader.GetSafeInt32(startingIndex++);
370         p.Created = reader.GetSafeUtcDateTime(startingIndex++);
371         p.Name = reader.GetSafeString(startingIndex++);
372         p.Description = reader.GetSafeString(startingIndex++);
373         p.UserId = reader.GetSafeString(startingIndex++);
374         p.OperatingHours = reader.GetSafeString(startingIndex++);
375         p.PhoneNumber = reader.GetSafeString(startingIndex++);
376         p.Website = reader.GetSafeString(startingIndex++);

```

```
373         p.GlobalRating = reader.GetSafeInt32(startingIndex++);
374         p.MediaId = reader.GetSafeInt32(startingIndex++);
375         p.LocationId = reader.GetSafeInt32(startingIndex++);
376         p.CategoryId = reader.GetSafeInt32(startingIndex++);
377         p.Slug = reader.GetSafeString(startingIndex++);
378         p.ExtPlaceId = reader.GetSafeString(startingIndex++);
379         p.CityId = reader.GetSafeInt32(startingIndex++);
380         p.Price = reader.GetSafeInt32(startingIndex++);
381
382         if (list == null)
383         {
384             list = new List<Places>();
385         }
386
387         list.Add(p);
388     }
389
390     };
391
392     TotalCount = totalCount;
393
394     return list;
395 }
396
397 // Update By ID
398 public void Update(PlacesUpdate model, int id)
399 {
400
401     UpdateAddressModel UpdateAddress = new UpdateAddressModel();
402
403
404     UpdateAddress.Address1 = model.Address1;
405     UpdateAddress.City = model.City;
406     UpdateAddress.State = model.State;
407     UpdateAddress.ZipCode = model.ZipCode;
408     UpdateAddress.Latitude = model.Latitude;
409     UpdateAddress.Longitude = model.Longitude;
410
411     _AddressesService.UpdateAddress(UpdateAddress, model.LocationId);
412
413     MediaUpdateRequest UpdateMedia = new MediaUpdateRequest();
414
415     UpdateMedia.UserId = model.UserId;
416     UpdateMedia.MediaType = MediaType.GooglePlaces;
417     UpdateMedia.Url = model.Url;
418     UpdateMedia.DataType = "image/jpeg";
419
420     _MediaService.Update(UpdateMedia, model.MediaId);
421
422     int updateid = id;
423
424
425     DataProvider.ExecuteNonQuery(GetConnection, "dbo.Places_UpdateById"
426         , inputParamMapper: delegate (SqlParameterCollection
427             paramCollection)
```



```
428         paramCollection.AddWithValue("@Id", updateid);
429         paramCollection.AddWithValue("@Name", model.Name);
430         paramCollection.AddWithValue("@Description", model.Description);
431         paramCollection.AddWithValue("@OperatingHours", model.OperatingHours);
432         paramCollection.AddWithValue("@PhoneNumber", model.PhoneNumber);
433         paramCollection.AddWithValue("@Website", model.Website);
434         paramCollection.AddWithValue("@GlobalRating", model.GlobalRating);
435         paramCollection.AddWithValue("@CategoryId", model.CategoryId);
436         paramCollection.AddWithValue("@Slug", model.Slug);
437         paramCollection.AddWithValue("@ExtPlaceID", model.ExtPlaceId);
438     }
439
440     };
441
442     TagsPlacesRequest TagsUpdate = new TagsPlacesRequest();
443
444     TagsUpdate.PlaceId = updateid;
445
446     TagsUpdate.TagIds = model.TagIds;
447
448     InsertRelationship(TagsUpdate);
449 }
450
451 //Delete By ID
452 public void Delete(int id)
453 {
454     int deleteid = id;
455
456     DataProvider.ExecuteNonQuery(GetConnection, "dbo.Places_DeleteById",
457         , inputParamMapper: delegate (SqlParameterCollection paramCollection)
458         {
459             paramCollection.AddWithValue("@Id", deleteid);
460         }
461     );
462 }
463
464 };
465
466 public void InsertRelationship(TagsPlacesRequest model)
467 {
468     DataProvider.ExecuteNonQuery(GetConnection,
469         "dbo.TagPlaces_Relationship_Insert",
470         , inputParamMapper: delegate (SqlParameterCollection paramCollection)
471         {
472             paramCollection.AddWithValue("@placesId", model.PlaceId);
473             SqlParameter s = new SqlParameter("@TagsId",
474                 SqlDbType.Structured);
```

```
476         if (model.TagIds != null && model.TagIds.Any())
477         {
478             s.Value = new IntIdTable(model.TagIds);
479         }
480         paramCollection.Add(s);
481     });
482 }
483 }
484 }
485 }
486 }
487 }
488
489
```