1. **Class Diagram:**

|  |
| --- |
| **Instagram Account** |
| * User |
| * Post |

|  |
| --- |
| **Post** |
| * Photo |
| * Title |
| * Caption |
| * Comments |
| * Likes |
| * PostedBy |
| + getAllPosts() |
| + createPost() |
| + LikePost() |
| + UnlikePost() |
| + PostComment() |
| + DeleteComment() |
| + DeletePost() |

1…\*

|  |
| --- |
| **User** |
| * Username |
| * Name |
| * Password |
| * Email |
| * ProfilePicture |
| * Followers |
| * Following |
| + UnfollowUser() |
| + FollowUser() |
| + SearchUsers() |

1. **Use Case Diagram:**

