CRC Cards for IStalk

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| Photo | |
| Purpose: Store image and all associated tags | |
| Superclass: | |
| Subclasses: | |
| Responsibilities | Collaborators |
| Store photo |  |
| Store a list of tags | Tag |
| Save location where photo was uploaded | Location |
| Store UserID of person who uploaded it |  |
| Allow a user to tag the photo | Tag |
| Allow a user to untag a photo | Tag |
| Allow a user to flag the photo as inappropriate |  |

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| Tag | |
| Purpose: Indicates a user in a photo | |
| Superclass: | |
| Subclasses: | |
| Responsibilities | Collaborators |
| Recognize a user’s face and match to UserID |  |
| Moved tagged photo into user’s tagged album | Photo, Album, UserProfile |

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| Album | |
| Purpose: Stores a list of photos either taken of or taken by a user | |
| Superclass: | |
| Subclasses: | |
| Responsibilities | Collaborators |
| Display to user a list of photos to browse | Photo |
| Remove a photo from the album |  |

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| UserProfile | |
| Purpose: Store the user’s personal information | |
| Superclass: | |
| Subclasses: | |
| Responsibilities | Collaborators |
| Hold user’s personal information |  |
| Hold albums containing pictures by and from the user | Album |
| Hold user’s login information |  |
| Manage list of user’s contacts |  |
| Hold the location of the last photo uploaded of the user | Location |

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| Location | |
| Purpose: To store a gps location. | |
| Superclass: | |
| Subclasses: | |
| Responsibilities | Collaborators |
| Store GPS coordinates |  |
| Stores time photo was taken |  |
| Stores date photo was taken |  |

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| Server | |
| Purpose: Hold a list of all the user profiles in the system and manage photos. | |
| Superclass: | |
| Subclasses: | |
| Responsibilities | Collaborators |
| Hold list of all user profiles | UserProfile |
| Allow photos to be uploaded by users | UserProfile |
| Allow administrators to view photos flagged by users. | Photo |
| Allow users to delete their profiles | UserProfile |

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| UserInterface | |
| Purpose: To allow users access to their profiles and to view photos. | |
| Superclass: | |
| Subclasses: AdminInterface | |
| Responsibilities | Collaborators |
| Allow user to login to the system | UserProfile |
| Display profiles of contacts | UserProfile |
| Allow users to upload photos from their iphones | Server |

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| AdminInterface | |
| Purpose: To allow admins to login and remove flagged photos. | |
| Superclass:UserInterface | |
| Subclasses: | |
| Responsibilities | Collaborators |
| Allow admins to login |  |
| Display flagged photos | Photo, Server |
| Allow admin to delete flagged photos | Server |