UML-Photos | Krish Patel & Roshan Varadhan **Album** Photo User +String name +File image +String username; +HashMap<String, +ArrayList<Photo> photos +ArrayList<Album> albums ArrayList<String>> tags +ArrayList<String> tagKeys; Creates +String getName() +String caption +void setName(String name) Stores +Date date +String getUsername() +ArrayList<Photo> -Calendar calendar +ArrayList<String> getPhotos() getTagKeys() +Date getEarliestDate() +void addTag(String tag, +ArrayList<Album> +Date getLatestDate() String value) getAlbums() +boolean addPhoto(Photo p) +void setCaption(String +initAlbums() +void deletePhoto(Photo p) caption) +addAlbum(Album a) +String getCaption() +initKeys() creates +Date getDate() +File getImage() +HashMap<String, ArrayList<String>> getTags() LoginController AdminController **Admin** -void login() +void logout() +void addUser() +void addUser(User u) +void deleteUser() +void deleteUser(User u) +initialize(URL location, ResourceBundle resources) PhotoController AlbumController HomeController +void back() +void back() +void recaption() -void logout() +void addPhoto(ActionEvent +void addTag() +void albumOpen() event) +void deleteTag() +void createAlbum() +void startSearch()zx +void nextImage() +void deleteAlbum() +void openPhoto() +void prevImage() +void renameAlbum() +void deletePhoto() +void initialize(URL location, -void showAlbum() +void movePhoto() ResourceBundle resources) +void initialize(URL location, +void copyPhoto() ResourceBundle resources) +void createFromResults() -void showAlbum() +void initialize(URL location, ResourceBundle resources) SearchController CopyController MoveController **TagController** +void confirmSearch() +void confirmMove() +void confirmCopy() +void cancelSearch() +void confirmAddTag() +void cancelMove() +void cancelCopy() +void setAndSearch() +void cancelAddTag() +void initialize(URL location, +void initialize(URL location, +void setOrSearch() +void initialize(URL location, ResourceBundle resources) ResourceBundle resources) ResourceBundle resources)