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| **Class** | **Attributes** | **Operations** |
| User | -name: String  -phoneNumber: String  -address: String  -email: String  -photo: String | +manageContacts(): void  +manageContactgroups(): void |
| ContactsDB | -name: String  -phoneNumber: String  -address: String  -email: String  -photo: String  -contactID: Strings | +manageContacts(): void |
| ContactGroupsDB | -groupName: String  -groupMembers: list - Adam | +getContacts()  +manageContactgroups(): void |
| AppPage | -contactList: list  -contactGroupList: list | +searchContact(): void  +viewContacts(): void  +viewContactGroups(): void |
| Search | -search: String | +searchContactName(): void  +searchContactGroupName(): void |
| Export | -contactList: list | +exportContacts(): void |
| Import | -contactList: list | +importContacts(): void |
| Sort | -contactList: list | +sortAscending(): void  +sortDescending(): void  +sortByContactType(): void  +sortByZipCode(): void  +sortByAreaCode(): void  +sortByOccupation(): void  +sortByEmail(): void  +shareSortedList(): void  +printSortedList(): void |
| Add | -contactID: String | +addPhoneNumber(): void  +addName(): void  +addAddress(): void  +addEmail(): void  +addPhoto(): void  +addContactToGroup(): void  +verifyContactNotBlank(): void |
| ContactPage | -name: String  -mobileNumber: String  -homeNumber: String  -workNumber: String  -email: String  -address: String  -photo: String | +addContact(): void  +editContact(): void  +deleteContact(): void  +addContactGroup(): void  +editContactGroup(): void  +deleteContactGroup(): void |
| Edit | -contactID: String | +editPhoneNumber(): void  +editName(): void  +editAddress(): void  +editEmail(): void  +editPhoto(): void  +editContactGroupFeatures(): void  +verifyContactNotBlank(): void |
| Delete | -contactID: String | +deletePhoneNumber(): void  +deleteName(): void  +deleteAddress(): void  +deleteEmail(): void  +deletePhoto(): void  +deleteContact(): void  +deleteContactGroup(): void  +deleteContactFromGroup(): void |
| Blacklist | -blacklisted: boolean | +unblockNumber(): boolean  +blockNumber(): boolean |
| Text | -contactID: String | +textApp(): void |
| Call | -calID: String | +callApp(): void |