**Project Use Case Description:**

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| Use Case Name | Post found pet with contact information |
| Use Case ID | UC-001 |
| Actor(s) | Person who found pet |
| Brief Description | Person finds pet and want to post add to notify service members. |
| Preconditions | Found a pet without an owner, have a valid email address or cell phone with text, have app downloaded on device. This will be accessible to everyone who has the app downloaded, no membership necessary. |
| Post-conditions | Click on verification link sent to email. |

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| Use Case Name | Steps to take after losing pet |
| Use Case ID | UC-002 |
| Actor(s) | Person who lost pet, person who wants to be proactive before losing pet. |
| Brief Description | Person wants to get information on what to do if they lose a pet. This will be accessible to everyone who has the app downloaded, no membership necessary. |
| Preconditions | Have app downloaded on device |
| Post-conditions |  |

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| Use Case Name | Search lost pet directory |
| Use Case ID | UC-003 |
| Actor(s) | Person who lost pet, person who found pet |
| Brief Description | This is a directory of lost pets that have been reported to our service. This will be accessible to everyone who has the app downloaded, no membership necessary. |
| Preconditions | Have app downloaded on device |
| Post-conditions | Will have to create membership and login to reply to a lost pet post |

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| Use Case Name | Browse by location |
| Use Case ID | UC-004 |
| Actor(s) | Person who lost pet, person who found pet |
| Brief Description | This allows people to sort the directory of lost pets that have been reported to our service by location. This will be accessible to everyone who has the app downloaded, no membership necessary. |
| Preconditions | Have app downloaded on device |
| Post-conditions | Will have to create membership and login to reply to a lost pet post |

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| Use Case Name | Create Account |
| Use Case ID | UC-004 |
| Actor(s) | Person who lost pet, person who found pet |
| Brief Description | Person wants to be member so they can access all features of the app, or so they can reply to a lost pet post. |
| Preconditions | Have app downloaded on device. Have a valid email address. |
| Post-conditions | Click on verification link sent to email. |

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| Use Case Name | Login |
| Use Case ID | UC-005 |
| Actor(s) | Person who lost pet, person who found pet |
| Brief Description | Person logs in using their account so they can access all features of the app, or so they can reply to a lost pet post. |
| Preconditions | Have app downloaded on device. Have a verified account. |
| Post-conditions |  |

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| Use Case Name | Create pet profile |
| Use Case ID | UC-006 |
| Actor(s) | Person who lost pet, person who found pet |
| Brief Description | Person creates a profile of their pet including photo, name, description, info on tags (if applicable) |
| Preconditions | Have app downloaded on device. Have a verified account. |
| Post-conditions | Responsible for maintaining their pet profile |

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| Use Case Name | Respond to post |
| Use Case ID | UC-007 |
| Actor(s) | Person who found pet |
| Brief Description | Person finds a pet who resembles pet in ad, or has questions |
| Preconditions | Have app downloaded on device. Have a verified account. |
| Post-conditions |  |

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| Use Case Name | Create lost pet post |
| Use Case ID | UC-008 |
| Actor(s) | Person who lost pet |
| Brief Description | Person loses pet and creates an ad which will send a lost pet warning to all members of the service. |
| Preconditions | Have app downloaded on device. Have a verified account. Have pet profile. |
| Post-conditions | Responsible for managing post (read messages from other members, set post to found after pet is located, which will notify all members) |

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| Use Case Name | Manage post |
| Use Case ID | UC-009 |
| Actor(s) | Person who lost pet |
| Brief Description | Responsible for managing post (read messages from other members, set post to found after pet is located, which will notify all members) |
| Preconditions | Have app downloaded on device. Have a verified account. Have pet profile. Have active lost pet post. |
| Post-conditions | Set post to found after pet is located, which will notify all members) |