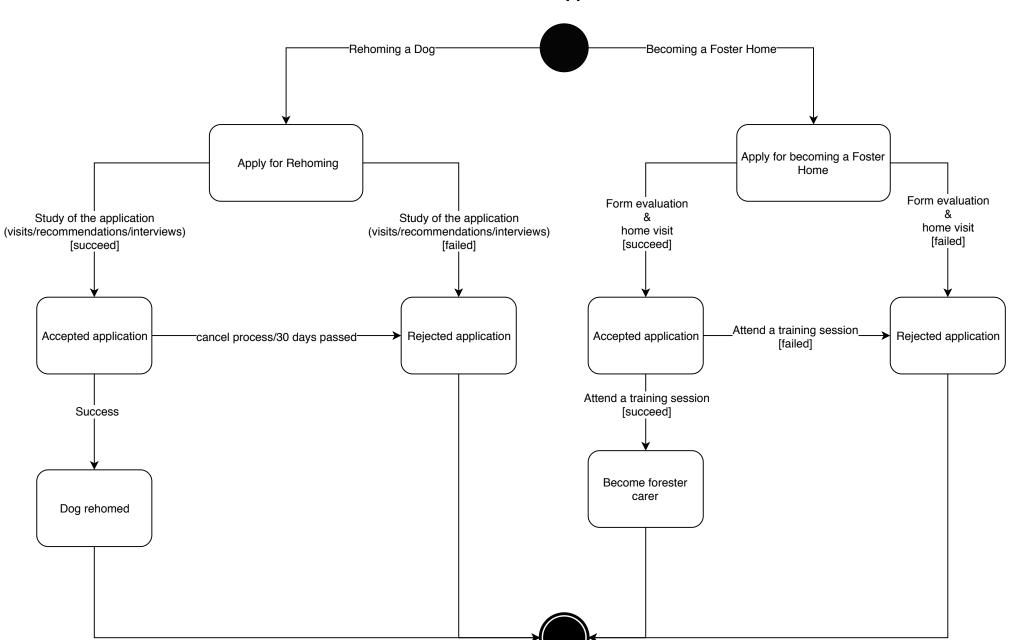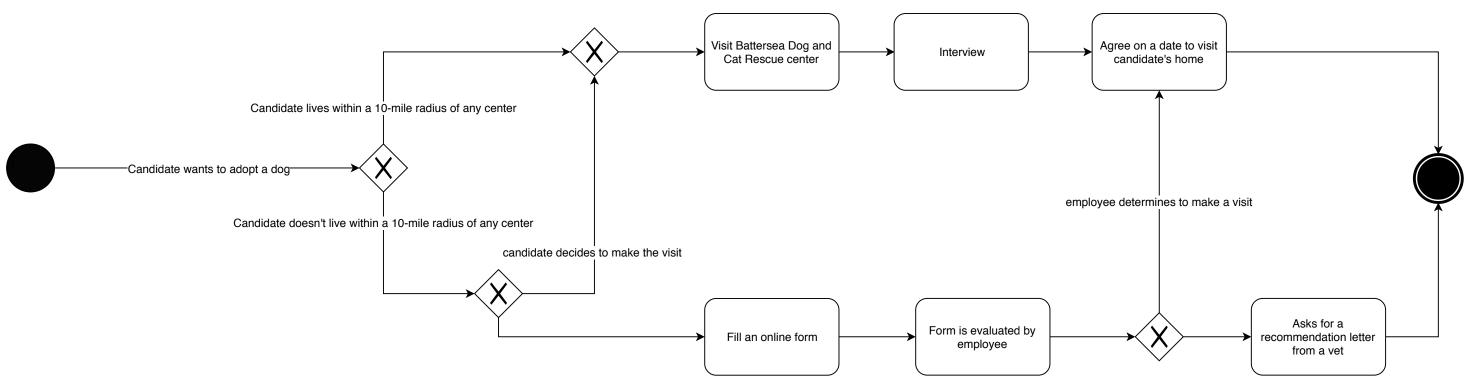Jacobo Moral Buendía
Albert Figuera Pérez
Enginyeria de requisits
2017-2018 Q2
Data-centric Business Process Modeling

Artifact: Application

Rehoming a Dog · Becoming a Foster Home

Apply for Rehoming

Study of the application
(visits/recommendations/interviews)
[succeed]

Study of the application
(visits/recommendations/interviews)
[failed]

Accepted application — cancel process/30 days passed → **Rejected application**

Success

Dog rehomed

Apply for becoming a Foster Home

Form evaluation
&
home visit
[succeed]

Form evaluation
&
home visit
[failed]

Accepted application — Attend a training session [failed] → **Rejected application**

Attend a training session
[succeed]

Become forester carer

UML
(Start to Apply for Rehoming)

Candidate wants to adopt a dog

Candidate lives within a 10-mile radius of any center

Candidate doesn't live within a 10-mile radius of any center

candidate decides to make the visit

Visit Battersea Dog and Cat Rescue center → **Interview** → **Agree on a date to visit candidate's home**

employee determines to make a visit

Fill an online form → **Form is evaluated by employee** → **Asks for a recommendation letter from a vet**

operation Visit Battersea Dog and Cat Rescue center
pre:-
post: an application is created, with data associated with the candidate, the employee and the actual date

operation Fill an online form
pre: candidate lives in a range of at least 10 miles of any of the centers
post: a form with all the required information about the candidate is created

operation Interview
pre: candidate has been to any of the centers
post: candidate is interviewed by employee and the instance Application is modified with appropiate data

operation Agree on a date to visit candidate's home
pre: candidate has made an interview with an employee
post: application instance state is modified to pending and a date is added for future home visit

operation Form is evaluated by employee
pre: candidate has filled and sent an online form
post: employee decides whether a recommendation letter or a home visit is necessary

operation Asks for a recommendation letter from a vet
pre: -
post: application instance state is modified to pending