BOOK UP
Use Case Specification

Submitted to:

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for the course
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Unique Reference:

The documents are stored in the https://github.com/kdagnes/cs-191-project.

File reference: https://github.com/kdagnes/cs-191-project/tree/master/02-Requirements-Engineering/1.0 – Maintain Trade Requests Record.pdf

Document Purpose:

The document serves as a requirement in the course CS 191 Software Engineering I.

Target Audience:

The document attends as requirement compliance to Prof. Ma. Rowena C. Solamo.

Revision Control

History Revision:

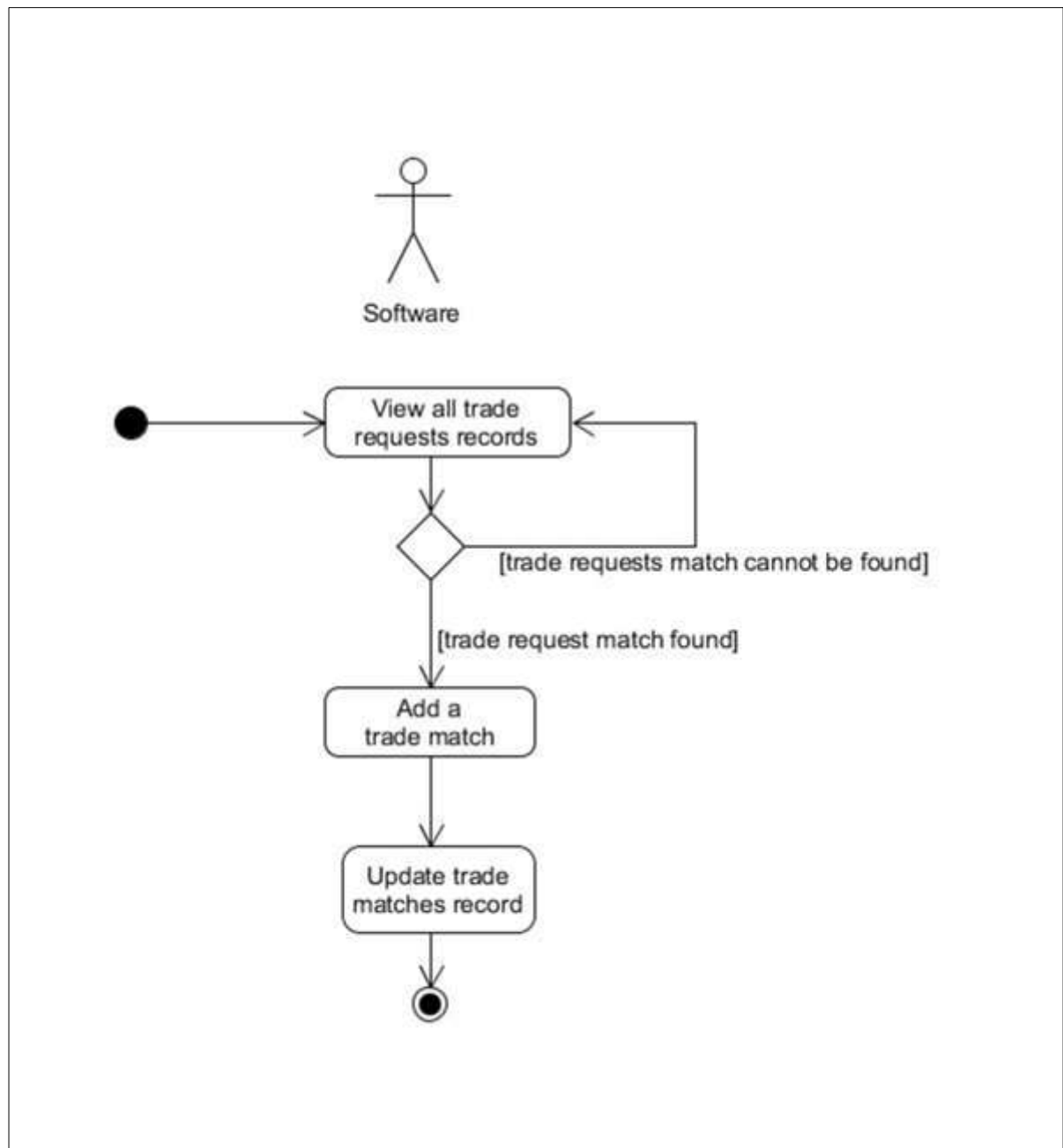| Revision Date	Person Responsible	Version Number	Modification
09/29/16	Karen Margaret Agnes	1.0	Initial Document

Use-Case Name: 2.1 Add Trade Match

Description: The software can add a trade match when two users are compatible to trade with each other based on their trade requests.

Preconditions: NONE

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) The software adds a trade match	1. The software views all users' trade requests record 2. If there is a compatible trade request between two users, the software adds a trade match between the users. 3. The software updates the trade matches record.
Scenario 2 The software does not find two compatible users	1. The software views all users' trade requests record 2. If the software can't find any 2 users compatible to trade, the software may view again the trade requests record until it is able to find one.

Activity Diagram of the Flow of Events:

Postcondition: NONE

Relationships: NONE

Special Requirements:
        NONE