



E-vote 2011

Use case specification: 3.1 Registration of p-votes in Electoral Roll

Project: E-vote 2011





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3.1 Registration of p-votes in Electoral Roll

1. Executive Summary

The Polling Committee/Electoral Committee must be able to check and mark off voters against the Electoral Roll for both advance votes and votes received on Election Day. The system must also facilitate the registration of exceptions. Exceptions are:

1. Votes from voters that do not exist in the Electoral Roll
2. Votes from voters that do not exist in the Electoral Roll of the municipality
3. Votes from voters that have already cast an advance p-vote

2. Purpose

The purpose of this use case is to ensure the principle of one voter-one vote.

3. Actors

Actor	Description
PC	Polling Committee
EC	Electoral Committee
ES	Election System

4. Pre-Conditions

ID	Description	Comments
3.1.1	The Polling Committee has received votes on Election Day	
3.1.2	The Electoral Committee has received advance votes (domestic and from abroad)	



3.1 Registration of p-votes in Electoral
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5. Post-Conditions

ID	Description	Comments
3.1.3	The Electoral Roll has been updated and data is stored in the system	Forms the basis for 3.2 'Manual registration of p-vote results', 3.3 'Electronic Counting of p-votes', 3.5 'Approval of p-votes and ballots' and 0.4 'Exception Process for Electoral Roll'

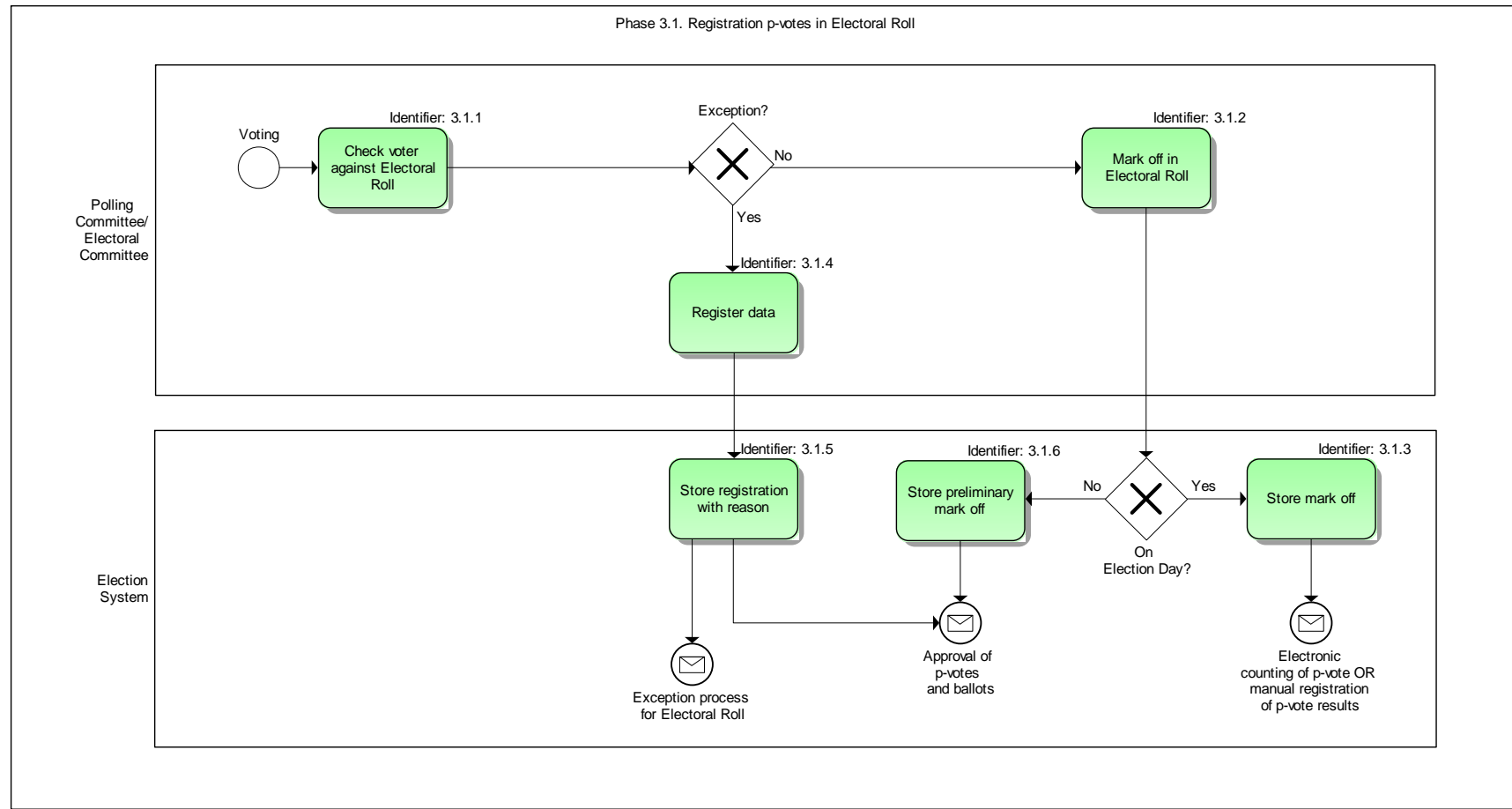
6. Trigger

The need for registration of p-votes in Electoral Roll.



3.1 Registration of p-votes in Electoral Roll

7. Main Flow - Functional Requirements





3.1 Registration of p-votes in Electoral Roll

ID	Actor	Function (Requirement)	Requirement description	Ref
F 3.1.1	PC/EC	Check voter against Electoral Roll	<p>The Polling Committee/Electoral Committee must be able to check the following for all voters:</p> <ul style="list-style-type: none"> • Whether the voter is listed in the Electoral Roll • Whether the voter is listed in the Electoral Roll for the municipality • Whether the voter already has cast an advance paper vote <p>The system must facilitate barcode scanning of voting cards as well as the functionality for searching for a voter in the Electoral Roll.</p>	A1
F 3.1.2	PC	Mark off in the Electoral Roll	The Polling Committee/Electoral Committee must be able to mark off voters in the Electoral Roll for voters that belongs to the municipality and has not already cast an advance paper vote.	A2, A3

7.1. Alternate flow 1 – Register data (A1)

ID	Actor	Function (Requirement)	Requirement description
F 3.1.4	PC/EC	Register data	<p>The Polling Committee/Electoral Committee must be able to:</p> <ol style="list-style-type: none"> 1. Register that they have received votes from voters that do not exist in the Electoral Roll. 2. Register that they have received votes from voters that do not exist in the Electoral Roll of the municipality 3. Register that they have received votes from voters that have already cast an advance p-vote
F 3.1.5	ES	Store registration	The registration must be stored in the system. The system shall notify the relevant Committee regarding these exceptions.

7.2. Alternate flow 2 – Store mark off (A2)

ID	Actor	Function (Requirement)	Requirement description
F 3.1.3	EC	Store mark off	The system shall store mark off.

3.1 Registration of p-votes in Electoral
Roll**7.3. Alternate flow 3 – Store preliminary mark off (A3)**

ID	Actor	Function (Requirement)	Requirement description
F 3.1.7	EC	Store preliminary mark off	The system shall store preliminary mark off.

8. Non-Functional Requirements**8.1. Accessibility and usability**

ID	Requirement description	Ref
3.1.7	'Accessibility and usability requirements'	8.1

8.2. Security

ID	Requirement description	Ref

8.3. Rules & regulations

ID	Requirement description	Ref
3.1.9	This use case refers to regulations relating to parliamentary and local government elections (Representation of the People Regulations) http://www.regjeringen.no/upload/KRD/Kampanjer/valgportal/Regelverk/Regulations_2003_EN_170609.pdf	
3.1.10	This use case refers to regulations described in the Representation of the People Act (the Election Act). http://www.regjeringen.no/upload/KRD/Kampanjer/valgportal/Regelverk/Representation_of_the_People_Act170609.pdf	
3.1.11	This use case also refer to the Council of Europe e-vote Recommendation Rec(2004) 11 . http://www.coe.int/t/dgap/democracy/activities/GGIS/E-voting/Key_Documents/Rec(2004)11_Eng_Evoting_and_Expl_Memo_en.pdf	