Lampiran

1. Hasil pengujian *First Applicable*

   *** Note that, for NuSMV execution, ACPT converts specicial character, ":" with "-_" to avoid errors.

   ## The test result for ABAC#LPBD

   1: (Subject = Examiner)&(Resource = Digital_Evidence)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

   2: (Subject = External)&(Resource = Digital_Evidence)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

   3: (Subject = Officer)&(Resource = Digital_Evidence)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

   4: (Subject = First_Responder)&(Resource = Digital_Evidence)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

   5: (Subject = Examiner)&(Resource = Digital_Evidence)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

   6: (Subject = External)&(Resource = Digital_Evidence)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

   7: (Subject = Officer)&(Resource = Cabinet)&(Action = Upload)&(Environment = Fulfilled)->decision = Deny

   8: (Subject = First_Responder)&(Resource = Cabinet)&(Action = Create)&(Environment = Not_Fulfilled)->decision = Deny

   9: (Subject = Examiner)&(Resource = Cabinet)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

   10: (Subject = External)&(Resource = Cabinet)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

   11: (Subject = Officer)&(Resource = Cabinet)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

   12: (Subject = Officer)&(Resource = Cabinet)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

   13: (Subject = External)&(Resource = Rack)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

14: (Subject = Examiner)&(Resource = Rack)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

15: (Subject = First_Responder)&(Resource = Rack)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

16: (Subject = Officer)&(Resource = Rack)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

17: (Subject = External)&(Resource = Rack)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

18: (Subject = Examiner)&(Resource = Rack)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

19: (Subject = First_Responder)&(Resource = Bag)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

20: (Subject = Officer)&(Resource = Bag)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

21: (Subject = External)&(Resource = Bag)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

22: (Subject = Examiner)&(Resource = Bag)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

23: (Subject = First_Responder)&(Resource = Bag)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

24: (Subject = First_Responder)&(Resource = Bag)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

25: (Subject = Examiner)&(Resource = Data_Evidence)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

26: (Subject = External)&(Resource = Data_Evidence)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

27: (Subject = Officer)&(Resource = Data_Evidence)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

28: (Subject = First_Responder)&(Resource = Data_Evidence)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

29: (Subject = First_Responder)&(Resource = Data_Evidence)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

30: (Subject = Officer)&(Resource = Data_Evidence)&(Action = Validate)&(Environment = Fulfilled)->decision = Permit

31: (Subject = External)&(Resource = Data_Case)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

32: (Subject = First_Responder)&(Resource = Data_Case)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

33: (Subject = Examiner)&(Resource = Data_Case)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

34: (Subject = Officer)&(Resource = Data_Case)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

35: (Subject = Examiner)&(Resource = Data_Case)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

36: (Subject = Officer)&(Resource = Data_Case)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

37: (Subject = External)&(Resource = Username)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

38: (Subject = Examiner)&(Resource = Username)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

39: (Subject = First_Responder)&(Resource = Username)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

40: (Subject = Officer)&(Resource = Username)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

41: (Subject = Officer)&(Resource = Username)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

42: (Subject = First_Responder)&(Resource = Username)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

43: (Subject = Examiner)&(Resource = Password)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

44: (Subject = Officer)&(Resource = Password)&(Action = Create)&(Environment = Fulfilled)->decision = Permit

45: (Subject = External)&(Resource = Password)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

46: (Subject = First_Responder)&(Resource = Password)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

47: (Subject = External)&(Resource = Password)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

48: (Subject = First_Responder)&(Resource = Password)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

49: (Subject = Examiner)&(Resource = Signature)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

50: (Subject = External)&(Resource = Signature)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

51: (Subject = Officer)&(Resource = Signature)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

52: (Subject = First_Responder)&(Resource = Signature)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

53: (Subject = First_Responder)&(Resource = Signature)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

54: (Subject = External)&(Resource = Signature)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

55: (Subject = External)&(Resource = Form_COC)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

56: (Subject = First_Responder)&(Resource = Form_COC)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

57: (Subject = Examiner)&(Resource = Form_COC)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

58: (Subject = Officer)&(Resource = Form_COC)&(Action = Download)&(Environment = Fulfilled)->decision = Permit

59: (Subject = External)&(Resource = Form_COC)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

60: (Subject = First_Responder)&(Resource = Form_COC)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

2. Hasil Pengujian *Deny Overrides*

*** Note that, for NuSMV execution, ACPT converts specicial character, ":" with "-_" to avoid errors.

The test result for ABAC#LPBD

1: (Subject = Examiner)&(Resource = Digital_Evidence)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

2: (Subject = External)&(Resource = Digital_Evidence)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

3: (Subject = Officer)&(Resource = Digital_Evidence)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

4: (Subject = First_Responder)&(Resource = Digital_Evidence)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

5: (Subject = Examiner)&(Resource = Digital_Evidence)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

6: (Subject = External)&(Resource = Digital_Evidence)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

7: (Subject = Officer)&(Resource = Cabinet)&(Action = Upload)&(Environment = Fulfilled)->decision = Deny

8: (Subject = First_Responder)&(Resource = Cabinet)&(Action = Create)&(Environment = Not_Fulfilled)->decision = Deny

9: (Subject = Examiner)&(Resource = Cabinet)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

10: (Subject = External)&(Resource = Cabinet)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

11: (Subject = Officer)&(Resource = Cabinet)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

12: (Subject = Officer)&(Resource = Cabinet)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

13: (Subject = External)&(Resource = Rack)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

14: (Subject = Examiner)&(Resource = Rack)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

15: (Subject = First_Responder)&(Resource = Rack)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

16: (Subject = Officer)&(Resource = Rack)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

17: (Subject = External)&(Resource = Rack)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

18: (Subject = Examiner)&(Resource = Rack)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

19: (Subject = First_Responder)&(Resource = Bag)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

20: (Subject = Officer)&(Resource = Bag)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

21: (Subject = External)&(Resource = Bag)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

22: (Subject = Examiner)&(Resource = Bag)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

23: (Subject = First_Responder)&(Resource = Bag)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

24: (Subject = First_Responder)&(Resource = Bag)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

25: (Subject = Examiner)&(Resource = Data_Evidence)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

26: (Subject = External)&(Resource = Data_Evidence)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

27: (Subject = Officer)&(Resource = Data_Evidence)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

28: (Subject = First_Responder)&(Resource = Data_Evidence)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

29: (Subject = External)&(Resource = Data_Evidence)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

30: (Subject = Examiner)&(Resource = Data_Evidence)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

31: (Subject = External)&(Resource = Data_Case)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

32: (Subject = First_Responder)&(Resource = Data_Case)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

33: (Subject = Examiner)&(Resource = Data_Case)&(Action = Input)&(Environment = Fulfilled)->decision = Permit

34: (Subject = Officer)&(Resource = Data_Case)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

35: (Subject = Examiner)&(Resource = Data_Case)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

36: (Subject = First_Responder)&(Resource = Data_Case)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

37: (Subject = External)&(Resource = Username)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

38: (Subject = Examiner)&(Resource = Username)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

39: (Subject = First_Responder)&(Resource = Username)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

40: (Subject = Officer)&(Resource = Usernam)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

41: (Subject = First_Responder)&(Resource = Username)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

42: (Subject = First_Responder)&(Resource = Username)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

43: (Subject = Examiner)&(Resource = Password)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

44: (Subject = Officer)&(Resource = Password)&(Action = Create)&(Environment = Fulfilled)->decision = Permit

45: (Subject = External)&(Resource = Password)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

46: (Subject = First_Responder)&(Resource = Password)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

47: (Subject = Examiner)&(Resource = Password)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

48: (Subject = Examiner)&(Resource = Password)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

49: (Subject = Examiner)&(Resource = Signature)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

50: (Subject = External)&(Resource = Signature)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

51: (Subject = Officer)&(Resource = Signature)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

52: (Subject = First_Responder)&(Resource = Signature)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

53: (Subject = First_Responder)&(Resource = Signature)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

54: (Subject = External)&(Resource = Signature)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

55: (Subject = External)&(Resource = Form_COC)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

56: (Subject = First_Responder)&(Resource = Form_COC)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

57: (Subject = Examiner)&(Resource = Form_COC)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

58: (Subject = Officer)&(Resource = Form_COC)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

59: (Subject = First_Responder)&(Resource = Form_COC)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

60: (Subject = Officer)&(Resource = Form_COC)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

3. Hasil Pengujian *Permit Overrides*

*** Note that, for NuSMV execution, ACPT converts specicial character, ":" with "-_" to avoid errors.

The test result for ABAC#LPBD

1: (Subject = Examiner)&(Resource = Digital_Evidence)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

2: (Subject = External)&(Resource = Digital_Evidence)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

3: (Subject = Officer)&(Resource = Digital_Evidence)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

4: (Subject = First_Responder)&(Resource = Digital_Evidence)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

5: (Subject = Examiner)&(Resource = Digital_Evidence)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

6: (Subject = External)&(Resource = Digital_Evidence)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

7: (Subject = Officer)&(Resource = Cabinet)&(Action = Upload)&(Environment = Fulfilled)->decision = Deny

8: (Subject = First_Responder)&(Resource = Cabinet)&(Action = Create)&(Environment = Not_Fulfilled)->decision = Deny

9: (Subject = Examiner)&(Resource = Cabinet)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

10: (Subject = External)&(Resource = Cabinet)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

11: (Subject = Officer)&(Resource = Cabinet)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

12: (Subject = Officer)&(Resource = Cabinet)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

13: (Subject = External)&(Resource = Rack)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

14: (Subject = Examiner)&(Resource = Rack)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

15: (Subject = First_Responder)&(Resource = Rack)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

16: (Subject = Officer)&(Resource = Rack)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

17: (Subject = External)&(Resource = Rack)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

18: (Subject = Examiner)&(Resource = Rack)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

19: (Subject = First_Responder)&(Resource = Bag)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

20: (Subject = Officer)&(Resource = Bag)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

21: (Subject = External)&(Resource = Bag)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

22: (Subject = Examiner)&(Resource = Bag)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

23: (Subject = First_Responder)&(Resource = Bag)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

24: (Subject = First_Responder)&(Resource = Bag)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

25: (Subject = Examiner)&(Resource = Data_Evidence)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

26: (Subject = External)&(Resource = Data_Evidence)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

27: (Subject = Officer)&(Resource = Data_Evidence)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

28: (Subject = First_Responder)&(Resource = Data_Evidence)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

29: (Subject = External)&(Resource = Data_Evidence)&(Action = Delete)&(Environment = Not_Fulfilled)->decision = Deny

30: (Subject = External)&(Resource = Data_Evidence)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

31: (Subject = External)&(Resource = Data_Case)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

32: (Subject = First_Responder)&(Resource = Data_Case)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

33: (Subject = Examiner)&(Resource = Data_Case)&(Action = Input)&(Environment = Fulfilled)->decision = Permit

34: (Subject = Officer)&(Resource = Data_Case)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

35: (Subject = Officer)&(Resource = Data_Case)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

36: (Subject = Examiner)&(Resource = Data_Case)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

37: (Subject = External)&(Resource = Username)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

38: (Subject = Examiner)&(Resource = Username)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

39: (Subject = First_Responder)&(Resource = Username)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

40: (Subject = Officer)&(Resource = Username)&(Action = Download)&(Environment = Fulfilled)->decision = Deny

41: (Subject = Officer)&(Resource = Username)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

42: (Subject = Officer)&(Resource = Username)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

43: (Subject = Examiner)&(Resource = Password)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

44: (Subject = Officer)&(Resource = Password)&(Action = Create)&(Environment = Fulfilled)->decision = Permit

45: (Subject = External)&(Resource = Password)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

46: (Subject = First_Responder)&(Resource = Password)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

47: (Subject = External)&(Resource = Password)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

48: (Subject = First_Responder)&(Resource = Password)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny

49: (Subject = Examiner)&(Resource = Signature)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

50: (Subject = External)&(Resource = Signature)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

51: (Subject = Officer)&(Resource = Signature)&(Action = Input)&(Environment = Fulfilled)->decision = Deny

52: (Subject = First_Responder)&(Resource = Signature)&(Action = Download)&(Environment = Not_Fulfilled)->decision = Deny

53: (Subject = First_Responder)&(Resource = Signature)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

54: (Subject = First_Responder)&(Resource = Signature)&(Action = Validate)&(Environment = Fulfilled)->decision = Deny

55: (Subject = External)&(Resource = Form_COC)&(Action = Upload)&(Environment = Not_Fulfilled)->decision = Deny

56: (Subject = First_Responder)&(Resource = Form_COC)&(Action = Create)&(Environment = Fulfilled)->decision = Deny

57: (Subject = Examiner)&(Resource = Form_COC)&(Action = Input)&(Environment = Not_Fulfilled)->decision = Deny

58: (Subject = Officer)&(Resource = Form_COC)&(Action = Download)&(Environment = Fulfilled)->decision = Permit

59: (Subject = External)&(Resource = Form_COC)&(Action = Delete)&(Environment = Fulfilled)->decision = Deny

60: (Subject = First_Responder)&(Resource = Form_COC)&(Action = Validate)&(Environment = Not_Fulfilled)->decision = Deny