1. Kiyosaki Institute – out of scope

2. higher education institute - out of scope

3. student - class

4. degree programs - out of scope

5. management team - out of scope

6. system- out of scope

7. administrative tasks - out of scope

8. official exams - meta language

9. initial step - out of scope

10. requirements - out of scope

11. exams - class

12. types of official exams - meta language

13. semester – out of scope

14. Midterm exams - class

15. middle of the semester - operation

16. final exams - class

17. end of the semester--operation

18. exam id - attribute

19. duration - attribute

20. start time - attribute

21. end time - attribute

22. location - attribute

23. multiple choice questions – attribute

24. number of questions - attribute

25. number of minutes - attribute

26. reading time - attribute

27. exam paper – class

28. paper id - attribute

29. number pages - attribute

30. moderated date - attribute

31. submitted date - attribute

32. printing date - attribute

33. paper - redundant

34. moderators – meta language

35. quality - out of scope

36. internal moderator – class

37. external moderator – class

38. employee id - attribute

39. Name - attribute

40. Email - attribute

41. contact number - attribute

42. department - attribute

43. professors - out of scope

44. external higher education institutes - out of scope

45. universities - out of scope

46. address- attribute

47. payment rate - attribute

48. modules - class

49. exam management system - out of scope

50. details - out of scope

51. module code - attribute

52. module name - attribute

53. year - attribute

54. specialization - attribute

55. number of students enrolled - attribute

56. lecturer - class

57. student id - attribute

58. year of study - attribute

59. intake - attribute

60. groups – class

61. group id - attribute

62. exam period – event or operation

63. exam schedule – class

64. start date - attribute

65. end date - attribute

66. invigilators - class

67. finalized exams - event or operation

68. invigilation time - attribute

69. substitute of each invigilator - attribute

70. results – class

71. release date - attribute

72. status of each result – attribute

73. re-correction – out of scope

74. Employee – boundary class

Classes

1. student
2. exams
3. Midterm exams
4. final exams
5. exam paper
6. internal moderator
7. external moderator
8. lecturer
9. modules
10. results
11. invigilators
12. exam schedule
13. groups
14. Employee

CRC CARDS

EXAMS	
Responsibility	**Collaborators**
Identifying types of exams	Midterm exams, final exams
Store exam details	
Cancel exams	

MIDTERM EXAMS	
Responsibility	**Collaborators**
Store multiple choice questions	
Store number of questions	

FINAL EXAMS	
Responsibility	**Collaborators**
Store number of minutes	

EXAM PAPER	
Store exam paper details	
Moderate exam papers	Internal moderators, external moderators

INTERNAL MODERATOR	
Responsibility	**Collaborators**
Store internal moderator details	
Assigned for moderating paper	Exam paper

EXTERNAL MODERATOR	
Responsibility	**Collaborators**
Store external moderator details	
Assigned for moderating paper	Exam paper
Calculate moderating paper	

MODULE	
Responsibility	**Collaborators**
Store module details	
Give exam papers	Exam paper
Deliver lecture	lecturer
Make group	Student group

LECTURER	
Responsibility	**Collaborators**
Store lecture details	
Submit exam paper	Exam paper, module
Get contact number	

STUDENT	
Responsibility	**Collaborators**
Enrolled for module	Module
Store details	
Allocate for group	Student group, module
Request for results	Results

STUDENT GROUP	
Responsibility	**Collaborators**
Store group details	
Conduct exam	Exam, Exam schedule

EXAM SHEDULE	
Responsibility	**Collaborators**
Store exam schedule details	

INVIGILATORS	
Responsibility	**Collaborators**
Allocate to exam	exam
Released form cancelled exams	Results
Store invigilators details	

RESULTS	
Responsibility	**Collaborators**
Store release results	Student, exam
Notify recreation	student

EMPLOYEE	
Responsibility	**Collaborators**
Store employee details	