PROG 7312

# Gamification

My 5 examples for gamification are:

1. Instant Feedback
2. Scores
3. Leader-boards
4. Badges
5. Levels

Someone posted a very nice summary of gamification stating that it leverages people’s natural desires revolving around social interactions that rewards players for their accomplishments with virtual currencies is a way of encouraging players to compete (Wikipedia, n.d.).

The gamification feature I’d like to use would be scores as it seems like a simple feature to implement that would provide very good feedback from the users. This will allow users to rate themselves on how well they did in each section of the application. It would rate each exercise and score them, and they would there be able to see the score they got for each exercise and try and improve their scores. This would for future iterations be nice to include with the gamification feature leader-boards. A scoring system would allow for users to see how well they are doing, where they are going wrong and then it would allow them to be able to grow their skills and improve themselves. Gamification good way to engage users within your app, this engagement helps users get more involved into your app which in-turn helps them keep using your app, as well as gives them a reason to share your app with people they know which can help grow your userbase.

# Multi-level list

0:

High = "Computer science, information & general works"

Mid = "Computer science, knowledge & systems"

Low = "Computer science, information & general works"

1:

High = "Computer science, information & general works"

Mid = "Computer science, knowledge & systems"

Low = "Knowledge"

2:

High = "Computer science, information & general works"

Mid = "Computer science, knowledge & systems"

Low = "The book"

3:

High = "Computer science, information & general works"

Mid = "Computer science, knowledge & systems"

Low = "Systems"

4:

High = "Computer science, information & general works"

Mid = "Computer science, knowledge & systems"

Low = "Data processing & computer science"

5:

High = "Computer science, information & general works"

Mid = "Computer science, knowledge & systems"

Low = "Computer programming, programs & data"

6:

High = "Computer science, information & general works"

Mid = "Computer science, knowledge & systems"

Low = "Special computer methods"

7, 8, 9:

High = "Computer science, information & general works"

Mid = "Computer science, knowledge & systems"

Low = ""

10:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = "Bibliography"

11:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = "Bibliographies"

12:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = "Bibliographies of individuals"

13:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = ""

14:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = "Bibliographies of anonymous & pseudonymous works"

15:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = "Bibliographies of works from specific places"

16:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = "Bibliographies of works on specific subjects"

17:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = "General subject catalogs"

18:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = "Catalogs arranged by author, date, etc."

19:

High = "Computer science, information & general works"

Mid = "Bibliographies"

Low = "Dictionary catalogs"

20:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = "Library & information sciences"

21:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = "Library relationships"

22:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = "Library relationships"

23:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = "Library relationships"

24:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = ""

25:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = "Library operations"

26:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = "Libraries for specific subjects"

27:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = "General libraries"

28:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = "Reading & use of other information media"

29:

High = "Computer science, information & general works"

Mid = "Library & information sciences"

Low = ""

30:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "General encyclopedic works"

31:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "Encyclopedias in American English"

32:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "Encyclopedias in English"

33:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "Encyclopedias in other Germanic languages"

34:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "Encyclopedias in French, Occitan, and Catalan"

35:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "Encyclopedias in Italian, Romanian, and related languages"

36:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "Encyclopedias in Spanish & Portuguese"

37:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "Encyclopedias in Slavic languages"

38:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "Encyclopedias in Scandinavian languages"

39:

High = "Computer science, information & general works"

Mid = "Encyclopedias & books of facts"

Low = "Encyclopedias in other languages"

40, 41, 42, 43, 44, 45, 46, 47, 48, 49:

High = "Computer science, information & general works"

Mid = ""

Low = ""

50:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "General serial publications"

51:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "Serials in American English"

52:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "Serials in English"

53:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "Serials in other Germanic languages"

54:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "Serials in French, Occitan, and Catalan"

55:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "Serials in Italian, Romanian, and related languages"

56:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "Serials in Spanish & Portuguese"

57:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "Serials in Slavic languages"

58:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "Serials in Scandinavian languages"

59:

High = "Computer science, information & general works"

Mid = "Magazines, journals & serials"

Low = "Serials in other languages"

60:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "General organizations & museum science"

61:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "Organizations in North America"

62:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "Organizations in British Isles in England"

63:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "Organizations in central Europe in Germany"

64:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "Organizations in France & Monaco"

65:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "Organizations in Italy & adjacent islands"

66:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "Organizations in Iberian peninsula & adjacent islands"

67:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "Organizations in eastern Europe in Russia"

68:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "Organizations in other geographic areas"

69:

High = "Computer science, information & general works"

Mid = "Associations, organizations & museums"

Low = "Museum science"

70:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "News media, journalism, and publishing"

71:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "Newspapers in North America"

72:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "Newspapers in British Isles in England"

73:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "Newspapers in central Europe in Germany"

74:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "Newspapers in France & Monaco"

75:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "Newspapers in Italy & adjacent islands"

76:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "Newspapers in Iberian peninsula & adjacent islands"

77:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "Newspapers in eastern Europe in Russia"

78:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "Newspapers in Scandinavia"

79:

High = "Computer science, information & general works"

Mid = "News media, journalism & publishing"

Low = "Newspapers in other geographic areas"

80:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "General collections"

81:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "Collections in American English"

82:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "Collections in English"

83:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "Collections in other Germanic languages"

84:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "Collections in French, Occitan, Catalan"

85:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "Collections in Italian, Romanian, & related languages"

86:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "Collections in Spanish & Portuguese"

87:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "Collections in Slavic languages"

88:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "Collections in Scandinavian languages"

89:

High = "Computer science, information & general works"

Mid = "Quotations"

Low = "Collections in other languages"

90:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Manuscripts and rare books"

91:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Manuscripts"

92:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Block books"

93:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Incunabula"

94:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Printed books"

95:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Books notable for bindings"

96:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Books notable for illustrations"

97:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Books notable for ownership or origin"

98:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Prohibited works, forgeries, and hoaxes"

99:

High = "Computer science, information & general works"

Mid = "Manuscripts & rare books"

Low = "Books notable for format"

# Bibliography

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