

Coverage for **django/learning_base/info/models.py** : 93%

41 statements

38 run

3 missing

0 excluded



```
1  """
2  Models for information type questions
3  """
4  from django.db import models
5  from learning_base.models import Question
6
7
8  class InformationText(Question):
9      """
10     A 'question' that only displays an informative text
11     to the user. It requires no input and is only used to
12     convey additional learning material to the reader.
13     :author: Claas Voelcker
14     """
15
16     __name__ = "info_text"
17
18     image = models.TextField(
19         blank=True,
20     )
21
22     text_field = models.TextField()
23
24     @staticmethod
25     def not_solvable():
26         """
27         always solvable
28         :author: Claas Voelcker
29         :return: False
30         """
31         return False
32
33     @staticmethod
34     def evaluate(data):
35         """
36         always correctly solved
37         :author: Claas Voelcker
38         :return: True
39         """
40         return True
41
42     @staticmethod
43     def num_correct_answers():
44         """
45         has no answers
46         :author: Claas Voelcker
47         """
48         return 0
49
50     @staticmethod
51     def get_serializer():
52         """
53         returns the correct serializer
54         :author: Claas Voelcker
55         :return: serializer for the question
56         """
57         from . import serializer
58         return serializer.InformationTextSerializer
59
```

```

60 | @staticmethod
61 | def get_edit_serializer():
62 |     """
63 |     returns the serializer for editing
64 |     :author: Claas Voelcker
65 |     :return: serializer for the question
66 |     """
67 |     return InformationText.get_serializer()
68 |
69 | @staticmethod
70 | def get_points():
71 |     """
72 |     has no points for a correct answer
73 |     :author: Claas Voelcker
74 |     """
75 |     return 0
76 |
77 | def __str__(self):
78 |     return "Learning text {}".format(self.id)
79 |
80 |
81 | class InformationYoutube(Question):
82 |     """
83 |     A 'question' that only displays an informative text
84 |     to the user. It requires no input and is only used to
85 |     convey additional learning material to the reader.
86 |     @author: Claas Voelcker
87 |     """
88 |
89 |     __name__ = "info_text_youtube"
90 |
91 |     url = models.TextField(
92 |         blank=True,
93 |     )
94 |
95 |     text_field = models.TextField()
96 |
97 | @staticmethod
98 | def not_solvable():
99 |     """
100 |     always solvable
101 |     :author: Claas Voelcker
102 |     :return: False
103 |     """
104 |     return False
105 |
106 | @staticmethod
107 | def evaluate(data):
108 |     """
109 |     always correctly solved
110 |     :author: Claas Voelcker
111 |     :return: True
112 |     """
113 |
114 |     return True
115 |
116 | @staticmethod
117 | def num_correct_answers():
118 |     """
119 |     has no answers
120 |     :author: Claas Voelcker
121 |     """
122 |     return 0
123 |
124 | @staticmethod

```

```

125     def get_serializer():
126         """
127         returns the correct serializer
128         :author: Claas Voelcker
129         :return: serializer for the question
130         """
131         from . import serializer
132         return serializer.InformationYoutubeSerializer
133
134     @staticmethod
135     def get_edit_serializer():
136         """
137         returns the serializer for editing
138         :return: serializer for the question
139         """
140         from . import serializer
141         return serializer.InformationYoutubeSerializer
142
143     @staticmethod
144     def get_points():
145         """
146         has no points for a correct answer
147         :author: Claas Voelcker
148         """
149         return 0
150
151     def __str__(self):
152         """
153         :return: string representation from the id
154         """
155         return "Learning text {}".format(self.id)

```