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1  """Module containing all data structures for everything at the moment."""
2  from models.party_types import JudicialOfficer, Defendant
3
4
5  class CaseInformation(object):
6      """This object stores all the information for a case both at inception and
7      as it is populated through the application."""
8
9      def __init__(self, judicial_officer):
10         self.judicial_officer = judicial_officer
11         self.case_number = None
12         self.defendant = Defendant()
13         self.fra_in_file = None
14         self.fra_in_court = None
15         self.plea_trial_date = None
16         self.charges_list = []
17         self.community_control_terms = None
18         self.ability_to_pay_time = None
19         self.balance_due_date = None
20         self.amend_offense_details = None
21         self.community_service_terms = None
22         self.hours_of_service = None
23         self.days_to_complete_service = None
24         self.due_date_for_service = None
25         self.license_suspension_details = None
26         self.other_conditions_details = None
27         self.court_costs_ordered = None
28         self.court_costs = 0
29         self.total_fines = 0
30
31     def add_charge_to_list(self, charge):
32         self.charges_list.append(charge)
33
34     def get_case_information(self):
35         """Returns a dictionary with all of case information required
36         to populate an entry."""
37         self.formatted_case_information = {
38             "case_number": self.case_number,
39             "defendant_last_name": self.defendant.last_name,
40             "defendant_first_name": self.defendant.first_name,
41             "plea_trial_date": self.plea_trial_date,
42             "amend_offense_details": self.amend_offense_details,
43             "charges_list": self.charges_list,
44             "ability_to_pay_time": self.ability_to_pay_time,
45             "balance_due_date": self.balance_due_date,
46             "community_control_terms": self.community_control_terms,

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47         "fra_in_file": self.fra_in_file,
48         "fra_in_court": self.fra_in_court,
49         "community_service_terms": self.community_service_terms,
50         "hours_of_service": self.hours_of_service,
51         "days_to_complete_service": self.days_to_complete_service,
52         "due_date_for_service": self.due_date_for_service,
53         "judicial_officer": self.judicial_officer.first_name
54         + " "
55         + self.judicial_officer.last_name,
56         "judicial_officer_type": self.judicial_officer.officer_type,
57         "license_suspension_details": self.license_suspension_details,
58         "other_conditions_details": self.other_conditions_details,
59         "court_costs_ordered": self.court_costs_ordered,
60     }
61     return self.formatted_case_information
62
63
64 class CriminalCharge(object):
65     def __init__(self):
66         self.offense = None
67         self.statute = None
68         self.degree = None
69         self.plea = None
70         self.type = None
71         self.finding = None
72         self.fines_amount = None
73         self.fines_suspended = None
74         self.court_costs = None
75         self.jail_days = None
76         self.jail_days_suspended = None
77
78
79 class AmendOffenseDetails(object):
80     """TODO: This should be refactored to a pure function most likely."""
81     def __init__(self):
82         self.original_charge = None
83         self.amended_charge = None
84         self.motion_disposition = "granted"
85
86
87 class CommunityControlTerms(object):
88     def __init__(self):
89         self.community_control_required = False
90         self.term_of_community_control = 0
91         self.type_of_community_control = "basic"
92         self.not_refuse = False

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93         self.not_consume = False
94
95
96     class CommunityServiceTerms(object):
97         def __init__(self):
98             self.community_service_ordered = False
99             self.hours_of_service = 0
100             self.days_to_complete_service = 0
101             self.due_date_for_service = None
102
103
104     class LicenseSuspensionTerms(object):
105         def __init__(self):
106             self.license_suspension_ordered = False
107             self.license_type = None
108             self.license_suspended_date = None
109             self.license_suspension_term = None
110             self.remedial_driving_class_required = False
111
112
113     class OtherConditionsTerms(object):
114         def __init__(self):
115             self.other_conditions_ordered = False
116             self.other_conditions_terms = None
```