Django Class Diagram

User
+ id: Field.primary_key
+ username: models.CharField()
+ email: models.CharField()
+ password: models.CharField()
+ is_developer: models.BooleanField()
+ is_manager: models.BooleanField()

UserListView(generics.ListAPIView)

UserDetailView(generics.RetrieveUpdateDestroyAPIView)

LoginView(GenericAPIView)

RegisterView(CreateAPIView)

Manager
+ id: Field.primary_key
+ user: models.OneToOneField(User)
+ name: models.CharField()

ManagersCreateAndListView(generics.ListCreateAPIView

Developer
+ id: Field.primary_key
+ user: models.OneToOne(User)
+ name: models.CharField()
+ role: models.CharField()
+ project: models.ForeignKey(Project)

DeveloperCreateAndListView(generics.ListCreateAPIView

DeveloperListView(generics.RetrieveUpdateDestroyVi

Project
+ id: Field.primary_key
+ name: models.CharField()
+ manager: models.ForeignKey(Manager)

ProjectCreateAndListView(generics.ListCreateAPIView)

ProjectListView(generics.RetrieveUpdateDestroyAPIView)

CurrentSprintView(generics.RetrieveUpdateDestroyAPIView)

Sprint
+ id: Field.primary_key
+ start_date: models.DateField()
+ end_date: models.DateField()
+ capacity : models.IntegerField()
+ project: models.ForeignKey(Project)
+ status: models.CharField()

SprintCreateAndListView(generics.ListCreateAPIView)

SprintListView(generics.RetrieveUpdateDestroyAPIView)

PBI
+ id: Field.primary_key
+ name: models.CharField()
+ description: models.TextField()
+ priority: models.IntegerField()
+ status: models.CharField()
+ story_points: models.IntegerField()
+ project_id : models.ForeignKey(Project)
+ sprint_id: models.ForegnKey(Sprint)

PBICreateAndListView(generics.ListCreateAPIView)

PBIDetailView(generics.RetrieveUpdateDestroyAPIView)

TASKS
+ id: Field.primary_key
+ name: models.CharField()
+ developer: models.ForeignKey(Developer)
+ pbi: models.ForeignKey(PBI)
+ description: models.CharField()
+ effort_hours = models.IntegerField()
+ status: models.CharField()

TasksCreateAndListView(generics.ListCreateAPIView):

TasksListView(generics.RetrieveUpdateDestroyAPIView):