classDiagram

title To-Do App

class Task {

+String name

+LocalDate date

+int priority

+boolean completed

+Task(String name, LocalDate date, int priority)

+String getName()

+LocalDate getDate()

+int getPriority()

+boolean isCompleted()

+void setCompleted(boolean completed)

+String toString()

}

class TaskManager {

-List<Task> pendingTasks

-List<Task> completedTasks

+void addTask(Task task)

+void completeTask(Task task)

+List<Task> getPendingTasks()

+List<Task> getCompletedTasks()

+void deleteTask(Task task)

}

class Main {

-TaskManager taskManager

-Stage primaryStage

+void start(Stage primaryStage)

+Scene createMainTaskListScene()

+Scene createCompletedTasksScene()

+void updatePendingTasksListView(VBox container)

+void updateCompletedTasksListView(VBox container)

+void showAddTaskDialog(VBox pendingTasksContainer)

+void switchToCompletedTasksScene()

+void main(String[] args)

}

TaskManager "1" o-- "\*" Task : manages

Main "1" o-- "1" TaskManager : uses