Data 533: Project Group 13

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PROJECT TRACKER

Our objective is to develop a robust **Project Tracker Application** encapsulated within the **projecttracker** package, aimed to adeptly manage project and task intricacies. The root will hold two subpackages namely, **Management** and **Utils**. The Management subpackage encapsulates modules used to perform functions of **task_operations** such as **view, add, modify, delete,** and **mark as completed**. The user can view details about the project which includes the P.Name and T.Name, Priority, Duration, Owner, Start Date and End Date. This module includes inheritance where **ProjectManagement->Project->Task**. It also provides insightful **visualizations** of the progress made in each project and task such as a **bar_graph, stacked_bar,** and **line_graph**. The Utils subpackage contains the modules **file_handler** and **input_handler** handles reading and writing project/task related data into the file and inputs obtained from the user. This comprehensive approach not only streamlines project management but also prevents data loss by storing data in separate files.