**Assignment Question**

Prepare a detailed report on the Aneka Framework and its services as described in the textbook *Mastering Cloud Computing* (Buyya et al.). Your report should cover the following aspects:

1. *Framework Overview* – Summarize the goals and design principles of Aneka as a cloud application platform.
2. *Anatomy of the Aneka Container* – Break down the structure of the container, explaining the role of:
   1. Platform Abstraction Layer (PAL)
   2. Fabric Services
   3. Foundation Services
   4. Application Services
3. *Service Functions and Interactions* – Explain how these services interact to provide portability, resource management, scheduling, execution, and application support.
4. Discuss how Aneka’s layered services make it distinct from traditional middleware and why they are important for efficient cloud application development.

**NOTE**: Use textbook diagrams where appropriate.