IC5 – Class Specification

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Class Name: Application

Method Signature: filterApplications(self, companyName: str, location: str) → list

Pre-condition: At least one application must exist in the system for filtering to be possible.

Post-condition: A list of applications is returned, containing only those that match the specified companyName and location.

Invariant: The total count of applications in the system remains consistent before and after calling filterApplications().