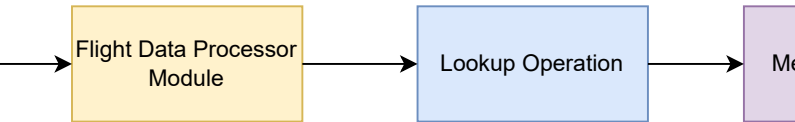
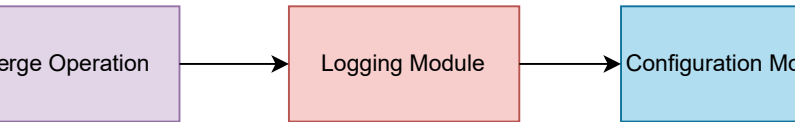


High Level Flow- Data Scheduler

User
Interface(command
Line interface)

Flight Lookup App









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|--|--|--|
| | <ul style="list-style-type: none">- Command line arguments- Lookup- Merge- Other parameters | |
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| <ul style="list-style-type: none">- Main Module- Parses CLI Arguments- Invokes Data Processor- Handles Exceptions | |
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- | | |
|---|--|
| <ul style="list-style-type: none">- Import Libraries- Get Data- Calculate Distances- Perform Operation- Logging- Configuration | |
|---|--|

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|---|--|
| <ul style="list-style-type: none">- Lookup Flight- Modifies Fleet data- Merges data- Returns Formatted Results | |
|---|--|

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|---|--|
| <ul style="list-style-type: none">- Merge- Modify- Merge- Output- Log | |
|---|--|

ge Data ifies Fleet data ges Data puts to CSV ging	
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|---|--|
| <ul style="list-style-type: none">- Configures Logging Settings- Logs key Events, Errors, and Exceptions | |
|---|--|

- | | |
|---|--|
| <ul style="list-style-type: none">- Loads Configur Settings | |
|---|--|

ation

- Third party Libraries

- Log Directory
- Result Directory

- Displays Results,
Errors, and Completion
Messages

Shweta Shivamogga Dattatri, 16-11-2023