Requirement: Process event data from the muon detector to determine the number of events per minute over a specific time interval.

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| Task Name | Functional Requirement | Estimated Effort (person-hours) | KDLOC |
| Create a MuonEvent class to store information about individual events (eg. timestamp, location, altitude) | Data processing | 0.25 | 0.01 |
| Create appropriate getter methods for the MuonEvent class. | Data processing | 0.5 | 0.02 |
| Create an addEvent method to store processed MuonEvents to an array. | Data processing | 0.5 | 0.01 |
| Create a clearEvents method to delete unneeded event data. | Data processing | 0.25 | 0.005 |
| Create methods to store the timestamps when a data collection period begins and ends. | Data processing | 0.5 | 0.01 |
| Create a method that calculates the difference in time (minutes) between two timestamps. | Data processing | 1 | 0.015 |
| Create a getEventsPerMin method that examines a MuonEvent array and calculates how many events occurred per minute over a specific time interval. | Data processing | 1 | 0.02 |
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