Team Name:   Group 25
Topic: Weather Station Analyzer

Team Members

| Name | Role(s) |
|------|---------|
| Pedro Oliveira | Team Lead |
| Pavithran Pathmarajah (Pavi) | Scrum Master |
| Pareek Ravi | Software Developer |
| Kunal Shah | Software Developer |

| Timestamp (YYMMDDThhmm) | Originator | Type | ID | Status | Comments | Supporting Document |
|---|---|---|---|---|---|---|
| 160301T1700 | All | Prototype | 0.0 | Complete | Use a set of 2 years of data. for the prototype | Meeting-5.pdf |
| 1160301T1700 | All | Decisions | 0.0 | Complete | Back-End - Ruby; Development Method - TDD; Methodology - Scrum; | Meeting-5.pdf |
| 160301T1800 | All | Scrum | 0.0 | In-Progress | Broke down program into essential pieces and stories for scrum development methodology | Scrum.txt |
| 160301T1830 | Pavi | Sprint Planning | 1.0 | In-Progress | 4-Modules: Filter, Parsing, Nodes, Stations, Sorting | |
| 160301T1900 | Pedro | Task | 1.0 | In-Progress | Stations and Weather ADTs:<br>● Stores:<br>  ○ Location<br>  ○ Elevation<br>  ○ Number of connections | station.rb weather.rb |

| | | | | | ○ Name & ID<br>○ Dates<br>○ Precipitation<br>○ Temperature Range | |
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| 160301T1900 | Pavi | Task | 1.0 | In-Progress | Edges:<br>● Connect two stations<br>● Calculate %days in temp tolerance<br>● Calculate %days in rain tolerance<br>● Calculate distance between two nodes | Edges.rb |
| 160301T1900 | Pareek | Task | 1.0 | In-Progress | Parsing, Sorting:<br>● Parse CSV and convert to station objects<br>● Sort edges by %days within tolerance | parse_sort.rb |
| 160301T1900 | Kunal | Task | 1.0 | In-Progress | Filter:<br>● Filter input csv file to remove all incompleat stations. save new file with all valid stations and data. | FilteringCSV.rb<br>california.csv |
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| 160302T1200 | All | Daily-Scrum | 1.1 | In-Progress | Discussed method requirements for Coupling, created | |
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| 160303T1400 | All | Daily-Scrum | 1.1 | In-Progress | Progress-Meeting: Discussed progress in learning ruby basics | |
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| 160304T1400 | All | Daily-Scrum | 1.2 | In-Progress | Progress-Meeting: Began work on scrum stories | |

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| 160306T1300 | All | Daily-Scrum | 1.3 | In-Progress | Progress-Meeting | |
| 160307T1500 | All | Daily-Scrum | 1.4 | In-Progress | Progress-Meeting:Merging of sprints and testing | |
| 160308T1800 | All | Sprint Review | 1.5 | Completed | Sprint complete:<br>● Filtering - removing unwanted stations<br>● Stations - weather, location, date<br>● Edges - two stations<br>● Parsing - file to stations<br>● Sorting - placing | station.rb<br>weather.rb<br>Edges.rb<br>parse_sort.rb<br>FilteringCSV.rb<br>california.csv |
| 160309T1900 | Pedro | Data | 2.0 | In-Progress | Put in request for 2012-2013 data.<br>https://www.ncdc.noaa.gov/cdo-web/ | |
| 160309T1900 | All | Sprint Planning | 2.0 | In-Progress | 2-Modules: Front-End: TBD-by Kunal<br>Back-End: Ruby | |
| 160309T1900 | Kunal | Task | 2.0 | In-Progress | Front-End:<br>● Takes user input<br>● Executes the program<br>● Live progress info<br>● Show final output to screen | |
| 160309T1900 | Pedro Pavi Pareek | Task | 2.0 | In-Progress | Back-End:<br>● Graphing Algorithm. No two edges cross<br>● Sorting Edges | Back-end.doc |

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| | | | | | ● Deleting edges not in tolerance | |
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| 160310T1600 | All | Daily-Scrum | 2.1 | In-Progress | Front-End:<br>● Researched methods to properly implement prototype GUI<br>Back-End: Finalized<br>● Mapping and nod-deletion system<br>● Prototype implementation | Back-end.doc |
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| 160314T1730 | All | Daily-Scrum | 2.2 | Completed | Front-End: Prototype done<br>Back-End: Planned next steps for algorithm<br>● Started implementation | GUI.rb<br>backend.rb |
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| 160315T1800 | All | Alpha - Checkpoint | 3.0 | Completed | Review by TA<br>● Go back to review all documents as new informations comes to light<br>● Update general description in req doc<br>● Add scope to project proposal<br>● Split req doc into functional and nonfunctional<br>● Need to **make** UML diagrams<br><br>Reviewd by Professor<br>● Make written test plan<br>● said we had done good progress | GUI.rb<br><br>2xb3_progress Checklist.pdf |
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| 160322T1630 | All | Sprint Review | 3.1 | In-Progress | Front-End: Electron application | |

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| 160325T22:00 | All | Daily-Scrum | 3.2 | In-Progress | Rest server  - Sinatra<br>Backend:<br>-Continue graphing<br>- Migrate database to SQLite3 for faster parsing and filtering<br>Frontend - Start HTML UI | Rest-server.rb<br>backend.rb<br>index.html |
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| 160401T1630 | All | Daily-Scrum | 3.3 | Completed | -Rest server working with ruby client code<br>-Finished database migration<br>-Finished HTML UI | Rest-server.rb<br>Rest-client.rb<br>California.db |
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| 160403T1000 | All | Daily-Scrum | 3.4 | In-Progress | -Get Frontend talking to rest server to call backend.rb<br>- Finish graphing<br>- Do slides | Rest-server.rb<br>index.html<br>Backend.rb<br>Group25_ProjectPresentation.pdf |
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| 160405T1430 | All | Presentation | 4.0 | Completed | Presented product to Professor and class | Launch.command<br>Group25_ProjectPresentation.pdf |

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| 160410T1600 | All | | 4.1 | Completed | Finalized the documentation and prepare all files needed for submitting | Requirement, UML, Meeting minutes, Project Log |
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| 160413 | All | Submission | 4.2 | Completed | Submitted all files to dropbox | All |