# EASE Project High-Level Timeline

**EASE Project Conception from Danial Pan and Ivan Cui**

**3 days**
- Located initial, and secondary database
- Recruited members (Jiayuan Guo, Yongquan Xie)

**Database Mining**

**9 days**
- Locate, clean-up all database needed for EASE

**RandomFroest Classification Fitting**

**10 days**
- Continued database construction with feedback loops from RF fitting
- Detail workflow constructed to facilitate RF construction

**RandomFroest Finalization**

**3 days**
- Daniel Pan and Ivan Cui finalized detail workflow (from GUI to output)

**Core Analysis Development**

**12 days**
- Development of cost model based on $CO_2$ tax, average cost, and governmental electricity sales
- Regression fitting testing if needed

Core Refinement (if time permits) **2 days**

**Unittest & Validation**

**3 days**
- Code development for unittest
- Code development for validation

**4 days** **GUI Development**

GitHub Repo Clean-up and Rearrangement **3 days**

**25 days** Continuous Documentation Update

**3 days** Logo Design **3 days** Poster Design

| 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
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March 16th 3-5PM @ DSS Poster Presentation

Feb 20 **Milestone 1**

Feb 28 **Milestone 2**

Mar 10 **Milestone 3**

Mar 13 **Milestone 4**

Mar 8

Feb 20 **Initiation**

Mar 15 **Completion**