GROUP ORGANIZATION/MEETING/DOCUMENTATION

1. **Group management structure:**

project manager: Jerry

secretary: Debbie and Leonidas

account manager: sheng

editors/directors: Sergei

1. **Project structure:**

* Overall plan shown by our Gantt chart;
* We are currently at the research/designing stage where we have divided the work into three main parts:

Mechanical: Sheng, Sergei

Programming: Debbie

Sensors: Leonidas, Jerry

* A dropbox to share all documents, e.g. research, designing ideas etc..
* A messenger group for discussions.

1. **Documentation:**

* A meeting schedule noting down achievements during each meeting and individual work to prepare before next meeting
* A shared document recording any agreed decisions made + testing results in the future
* Design Specification (for the entire EERover).i.e. sketched diagrams...

1. **Elements of PDS**

See separate PDS paper

1. **Gantt Chart**(for the entire EERover project)

see separate Gantt chart paper

PROPOSED DESIGN MODIFICATIONS:

1. **Overview of requirements**: How is EEBug to be modified ?

* Two-floors-structured body.
* New tracking system.
* Programmable and remote controllable with Arduino Uno.
* Add sensors to be able to perform, radio, infrared wave and magnetic field detections.

1. **Overview of ideas:** which high level design ideas are you considering?
   * 1. Mechanicals: Two-floors-structured body; Modified wheels.
     2. Circuit and Sensors: Sensors choice, overall circuit logics.
     3. Program and remote control: general programming logics, connection with other parts.

PLANS GOING FORWARD:

1. **How will you implement your ideas?**

* Overall plan according to the Gantt chart;
* At this stage, we’ve done mostly planning and some research. We need to dig deeper into the research area, especially sensors and programming. Expected to be done before spring term week 7;
* Personally, we want to learn some skills, group working, designing, dealing with budgets, communication with clients, time management…
* Additional info will be provided by the group members.