1.1

The application of a systematic, disciplined, quantifiable approach to development, operation and maintanacne of a system; that is the approach of engineering to software

1.2  
Instructions: Set of instructions on how the code should run  
Structures: Data structures on needed to run the code.  
Information: Information on how you should use the code.  
  
Data Model: Data models are more your relational databases, and how the information in them/their tables relate to eachother. In the case study, we see that fluctuation in electronic fields, temperature and radiation needs to be stored by the paranormal troopers to extrate meaningful data (similar manifestations/pattern).  
In addition, The CTT use the database to capture data on new curses, and similarly use that data to detect/manage any known curses. The relationships in curses that data models can find, can further help find any relationships different curses (simularites) may have.

2.1  
Waterfall model, as this software can have no problems (life or death).

2.2  
The waterfall model results is an extremely robust end product. This is very much needed for the life and death situations that these paranormal/Curse guys are facing. Any problems in the software, could result in misidentifying a curse, resulting in lose of life. Requirements clearly defined so can make yay.

2.3  
Model drawn: Communication -> Planning -> Modelling -> Construction -> Deployment  
2 marks for diagram  
  
Communication: In this stage, requirements are gathered… list them.  
Planning: In this stage, language is chosen, is feasible? Further requeremetnns doen  
Modeling: IN this stage, Flow charts and algorithms are made to get a better idea on the end result.  
Construction: actual coding and testing.  
Deployment: This is stage release, get thoughts from sponsor.

2.4  
Super robust = less death  
  
2.5  
If not thougth out = redo = blockage as cant go

3.1  
  
Ghosts r Us is having issues with correctly storing (google doc + spreadsheets), and then extracting useful information about curses and paranormal activity. Due to the danger of the job, any dlay in finding the needed information, or misdiagnosing the issue due to the the ineffeicient storage, can result in loss of life.  
  
3.2  
An information system which can relaibley store data… list what it can do

3.3  
Who is in it: Paranomral and Curse guys (1)  
What is needed:equipment (equipment to record fluctuations)  
Human Adaptation to new thing, do changes needed to be made ()  
Look at if the change puts people out of job  
Mention if the current development will effect the current work  
Will people be resistent  
Requirements to do:  
Is it feasible

4.1  
A method that shows relationships between different curses/paranormal activites. This can be applied by looking at similar/the same symptoms from different curses/paranormal activities. This can be measured by how many how many simularites there are between 2 or more curses/activites, and how correct the relation is can be measured by testing known relations, and known non-relations.

4.2  
The system must be able to Store Photos and Videos from the paranormal troopers when they are at a suspected hanted house (this is stored later, as there is no reception/signal).

The system must be able to store measures in fluctuations (electromagnetic fields, temperature and radiation) that the equipment detects.  
  
The system must be able to store new curses and their information (set of manifestations, origin and breaking method).  
  
The paratroopers must be able to search the database based on origin or maifestations to find any matching curses. IF none is found, they must be able to record such a new curse.   
  
If a new curse is dicovoured, the CTT team muse capture and store all data related to all visitors and whom they were in contact with,