# A2 Rubric

The GUI will be used to test functionality and safety. There are 11 forms giving the user access to 11 *operations*, 8 of which take textual inputs and 7 of which have restricted access.

For functionality, our grading philosophy is this: that which cannot be observed does not work. In other words, if it is impossible to use your API to determine whether or not a Freet exists, then you cannot get points for being able to create Freets, even if data is technically being created.

This assignment is out of **100 points**.

- **(3 points) Deployment**
  - **3 points** for deploying your app at a publicly accessible URL.
- **(44 points) Functionality**
  - **4 points each** for each working operation.
- **(17 points) Robustness**
  - **1 point each** per text-taking operation that is robust to user inputs (8 points total).
  - **1 point each** per access-restricted operation that fails appropriately (7 points total).
  - **2 points** for appropriately rejecting arbitrary URLs.
- **(16 points) RESTful API Design**
  - **4 points** for well-designed routes.
  - **4 points** for appropriate use of verbs.
  - **4 points** for informative responses.
  - **4 points** for good usage of status codes.
- **(20 points) Design Reflection**
  - **5 points** for noting ambiguities or omissions in the spec.
  - **10 points** for discussing design decisions and their rationale.
  - **5 points** for compelling comments on ethical and social implications.