



Category

Counter

```
class Category{
public:
    Category(); // default
    std::string cat(std::string str);
    void cat2();
    virtual ~Category();

protected:
    std::string selection;
    std::string words;
    std::string name = "name";
    std::string contact = "contact";
    std::string address = "address";
    std::string phone = "phone";
    std::string message = "message";
    std::string party = "party";
    std::string live = "live";
    std::string committee = "committee";
    std::string sponsored = "sponsored";
    std::string bills = "bills";
    std::string voting = "voting";
    std::string service = "service";
    std::string whole = "whole";
    std::string entire = "entire";
    std::string all = "all";
    std::string everything = "everything";
    std::string personal = "personal";
    std::string college = "college";
    std::string university = "university";
    std::string school = "school";
    std::string children = "children";
    std::string parents = "parents";
    std::string association = "association";
    std::string chapel = "chapel";
    std::string quit = "quit";
};
```

```
class Counter
{
public:
    Counter(); // default

    std::string toLower(std::string inputfile);
    std::string counter(std::string input, std::string comparision);
    virtual ~Counter();

    std::string selection;
    std::string words;
    std::string str;
    float number;
    float denom;
    float total;
    float limit;
};
```

CHATSESSION

```
class ChatSession{
public:
    ChatSession();//default

    void noteOutput(std::string type, std::string str);
    void timeStart();
    void timeEnd(std::string file);
    void counter(std::string file);
    virtual ~ChatSession();

    std::chrono::_V2::steady_clock::time_point start = std::chrono::steady_clock::now();
    std::string path;
    std::string str;
    std::string newLine;
    std::string words;
    int inputnum = 0;
    int outputnum = 0;
    int inputnumto = 0;
    int outputnumto = 0;
    bool open = false;
};
```