```cpp
#include <iostream>
#include <fstream>
#include <string>

using namespace std;

const int MAXSIZE = 1000;

int main() {
    int sensorNumber[MAXSIZE];
    string timestamp[MAXSIZE];
    int sensorReadings[MAXSIZE];
    int numReadings = 0;
    double totalReadings = 0.0;


    ifstream inputFile("datafile.txt");
    if (!inputFile) {
        cerr << "Error opening file." << endl;
        return 1;
    }

    while (numReadings < MAXSIZE &&
            inputFile >> sensorNumber[numReadings] >>
timestamp[numReadings] >> sensorReadings[numReadings]) {
        totalReadings += sensorReadings[numReadings];
        numReadings++;
    }

    inputFile.close();

    if (numReadings == 0) {
        cerr << "No data found in the file." << endl;
        return 1;
    }


    double averageReading = totalReadings / numReadings;
    cout << "Overall average reading: " << averageReading << endl;


    int selectedSensor;
    cout << "Enter sensor number to display reading: ";
    cin >> selectedSensor;

    for (int i = 0; i < numReadings; ++i) {
        if (sensorNumber[i] == selectedSensor) {
            cout << "Reading for sensor " << selectedSensor << " at " <<
timestamp[i] << " is " << sensorReadings[i] << endl;
        }
    }

    return 0;
}
```

Reading for sensor 100 at 10:30 is 20
bayleecaldwell@Baylees-MacBook-Pro-2 lab 1 % cd "/Users/bayleecaldwell/Desktop/fall 2023/Computer Science 2/lab 1/" && g++ lab1.cpp -o lab1 && "/Users/bayleecaldwell/Desktop/fall 2023
/Comput
er Science 2/lab 1/"lab1
Overall average reading: 23.3333
Enter sensor number to display reading: 10
Reading for sensor 10 at 10:30 is 25
bayleecaldwell@Baylees-MacBook-Pro-2 lab 1 % cd "/Users/bayleecaldwell/Desktop/fall 2023/Computer Science 2/lab 1/" && g++ lab1.cpp -o lab1 && "/Users/bayleecaldwell/Desktop/fall 2023
/Comput
er Science 2/lab 1/"lab1
Overall average reading: 23.3333
Enter sensor number to display reading: 1010
Reading for sensor 1010 at 09:30 is 25
bayleecaldwell@Baylees-MacBook-Pro-2 lab 1 % cd "/Users/bayleecaldwell/Desktop/fall 2023/Computer Science 2/lab 1/" && g++ lab1.cpp -o lab1 && "/Users/bayleecaldwell/Desktop/fall 2023
/Comput
er Science 2/lab 1/"lab1
Overall average reading: 23.3333
Enter sensor number to display reading: 100
Reading for sensor 100 at 10:30 is 20