

## GUI Design changes for onlinegdb.com

### ❖ Title:

Paper prototype-Design elements of GUI

### ❖ Problem Statement:

Design a paper prototype/Graphical User Interface for a selected Application

### ❖ Learning Objective:

1. To observe the user view point of elements on a GUI
2. To study the elements of impact by noting the observations.
3. To help in refining the drawbacks of the existing system

### ❖ Software and Hardware Requirement:

1. Notepad and pencil
2. Any selected GUI (Any website like banking, e comers etc , 10-15 User Interfaces per group)

### ❖ Theory:

The selected GUI must be studied carefully for all the following elements:

1. Font colours used in background, text etc
2. Images and their size with respect to the whole Interface
3. Options for selection of data (Menu, arrows, sub-menus, highlighted text)
4. Text boxes, User support options
5. Use of icons for representations, menu selections.

After noting the above details, a chart should be prepared in following manner:

#### User Interface I:

Sr. No	Element	Observation	Improvement/ corrections
1	Language selection drop down menu	It shows only a list of various languages which seems complicated	Made a bigger popup menu for language selection and arranging languages alphabetically and in tabular format.

2	Output Console	Output console and input console are combined making it complicated. Output screen on the bottom on the screen which is not feasible	Differentiated the input output console and shifted the console to the left side of the screen allocating more space.
3	Left side task bar	Left side bar takes too much space and is not that prior	Shifted the left task bar to the bottom and allotted sized buttons to improve screen complexity
4	Credits, Privacy, Terms of Service	All these elements had different buttons	Combined those buttons combining single button and saving screen complexity
5	Recent Languages (New Feature)	Need to access language selection faster	Added recent used languages at the top of the taskbar
6	Sliding window (New Feature)	Need to change the window size of coding or output for concentration	Used slider to resize the coding and output window
7	Hoverable buttons (New Feature)	Need to identify button uses	Added feature to show info. When hovered on a particular element.

#### User Interface II:

Sr. No	Element	Observation	Improvement/corrections
1	Sign Up Dialog	Sign Up and Login have different buttons wasting space	Combined Sign Up and Login Buttons into a single Sign In button
2	Dialog interface	No good interface only clickable buttons	Improved interface by adding logos for signing in

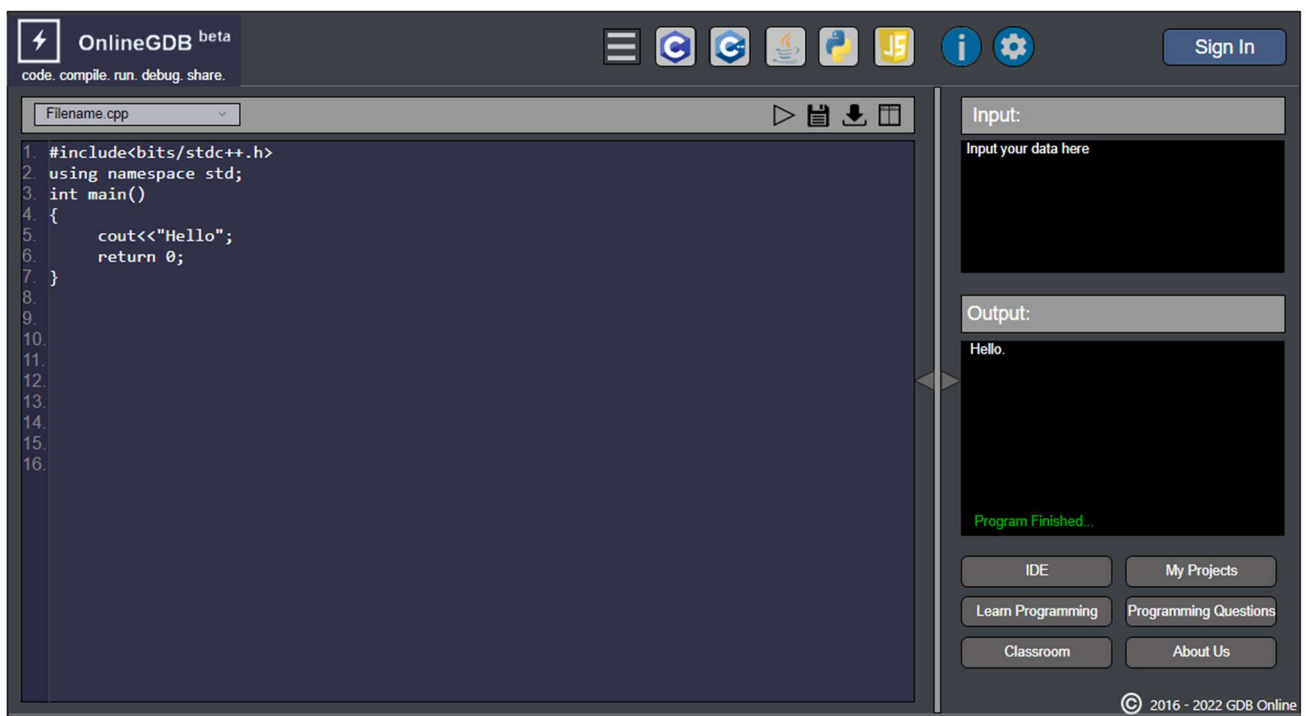
#### User Interface III:

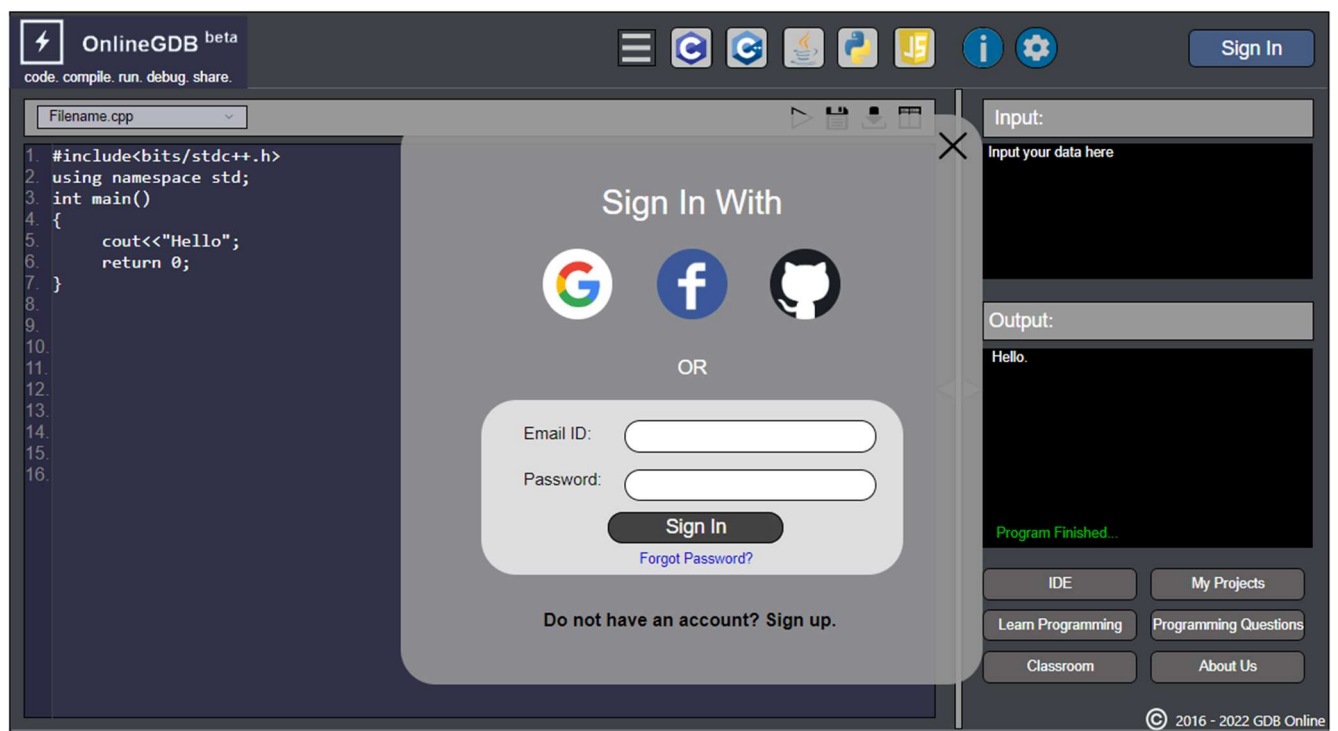
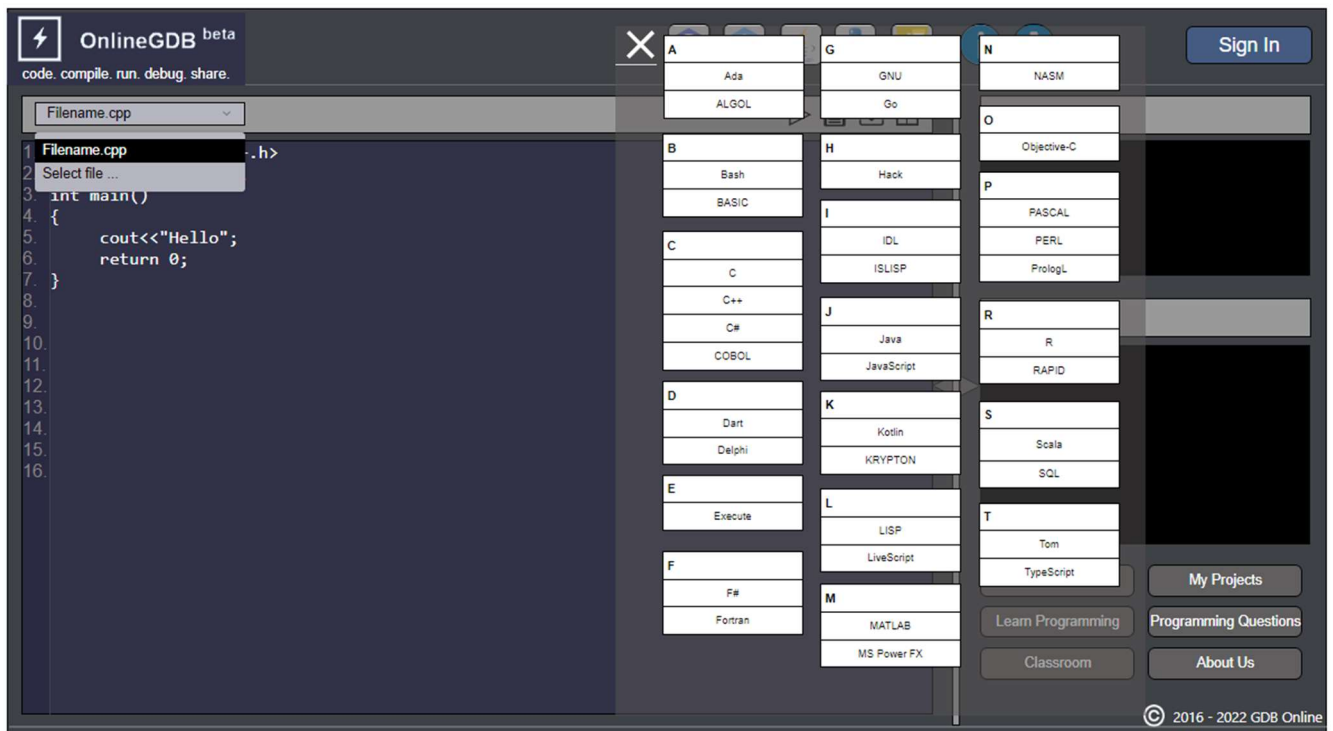
Sr. No	Element	Observation	Improvement/corrections
1	My Projects	Dull colors for the interface	Added decent colors and logos into the interface

2	Dynamic buttons (New Feature)	Need to open file and then run in my projects	Directly added run, share buttons in my projects section
3	Search Bar (New Feature)	Need of search bar to search in my project	Added search bar with dynamic searching

- The selected GUI will be redesigned with respect to the correction/improvements in the table mentioned above using word document/paint/ppt/free design tool/software

## ❖ Output:







OnlineGDB beta

code. compile. run. debug. share.

About

FAQ

Terms of Use


Contact Us

Privacy

# About

OnlineGDB.com is an online compiler and debugger tool for C/C++ languages. It is world's first online IDE which gives debugging facility with embedded gdb debugger. This is a very handy webapp for coders who love coding in online IDE but face unexpected crashes and tricky bugs in their code. OnlineGDB provides debugging power to such users to help them out.

So all in all, its a great online IDE powered with code editor, compiler and debugger.  
Here is short demo to get you started.



OnlineGDB beta

code. compile. run. debug. share.

About

FAQ

Terms of Use

Contact Us

Privacy

# FAQ

**What is GDB? Online**

GDB online is online compiler and debugger tool for C/C++ language. You can compile with gcc/g++ and can debug using gdb.

**What are the memort and time constraints of the program?**


Compilation time: 10 seconds  
Run time: 10 seconds in text mode.  
In interactive console mode, you can run as long as program is finished or until we find user inactivity for longer than 15 mins.  
Memory usage: 256 MB

**What is size limit for source code, stdin, stdout, stderr?**

Size limit of individual file is 100 KB.  
Size limit of single project (having multiple files) is 200 KB.  
Size limit of stdin, stdout, stderr is 64 KB.

**What if size of stdout and stderr exceeds 64 KB?**

Content exceeding 64 KB will be truncated for stdout and stderr.



OnlineGDB beta

code. compile. run. debug. share.

About

FAQ

Terms of Use

Contact Us

Privacy

# Terms of Use

Downloading of content from the onlinedb.com website using any user agent other than a visual or text-based web browser, downloading of content from onlinedb.com in bulk using automated processes, and selective parsing and post-processing of content retrieved from onlinedb.com, are expressly forbidden.


The provider of the onlinedb.com service reserves the right to use all uploaded source codes, software components, and input data within the onlinedb.com service, for purposes of maintaining and testing the onlinedb.com service.

Projects saved on onlinedb.com account are private to logged in account.

onlinedb.com service comes with no warranty, explicit or implied, of availability, merchantability, or fitness for any purpose whatsoever.

The provider of the onlinedb.com service takes no responsibility, financial or otherwise, for any damage or loss resulting from the use of the onlinedb.com service, including but not limited to damage to the user's hardware and software.

The provider of the onlinedb.com service reserves the right to change these Terms of Use at any time.



OnlineGDB beta

code. compile. run. debug. share.

About

FAQ

Terms of Use

Contact Us

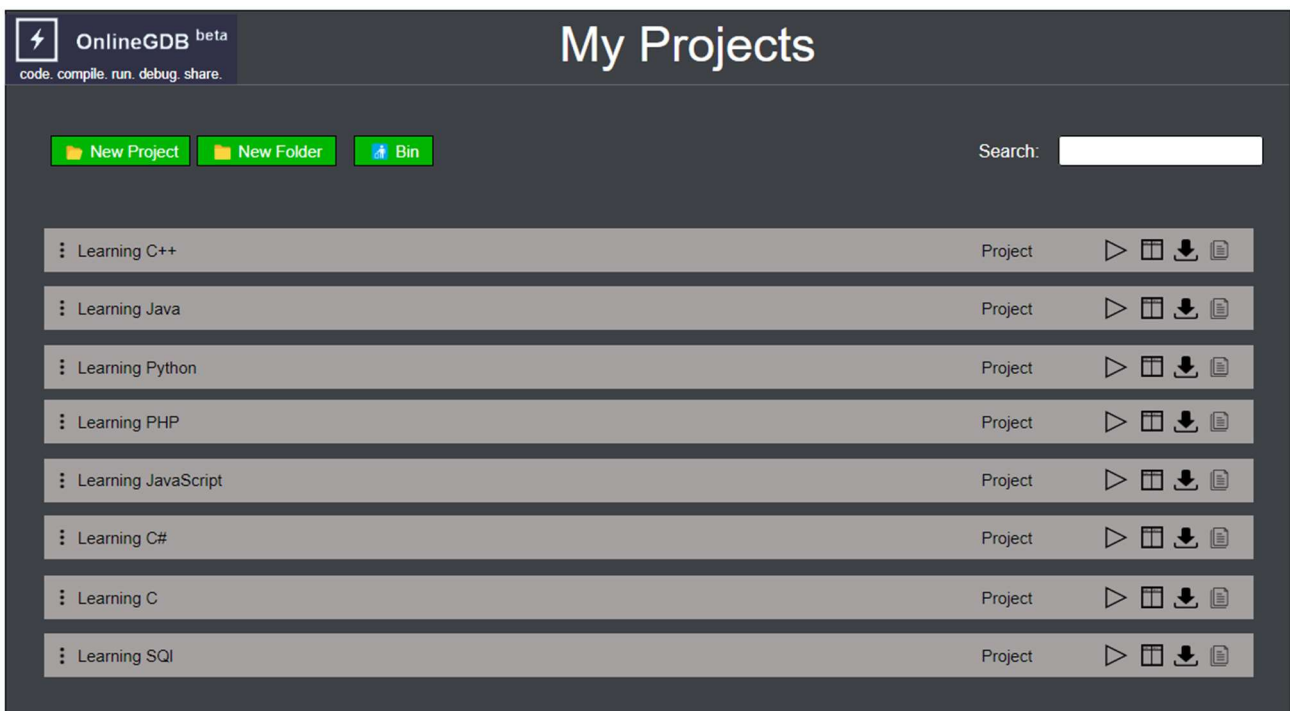
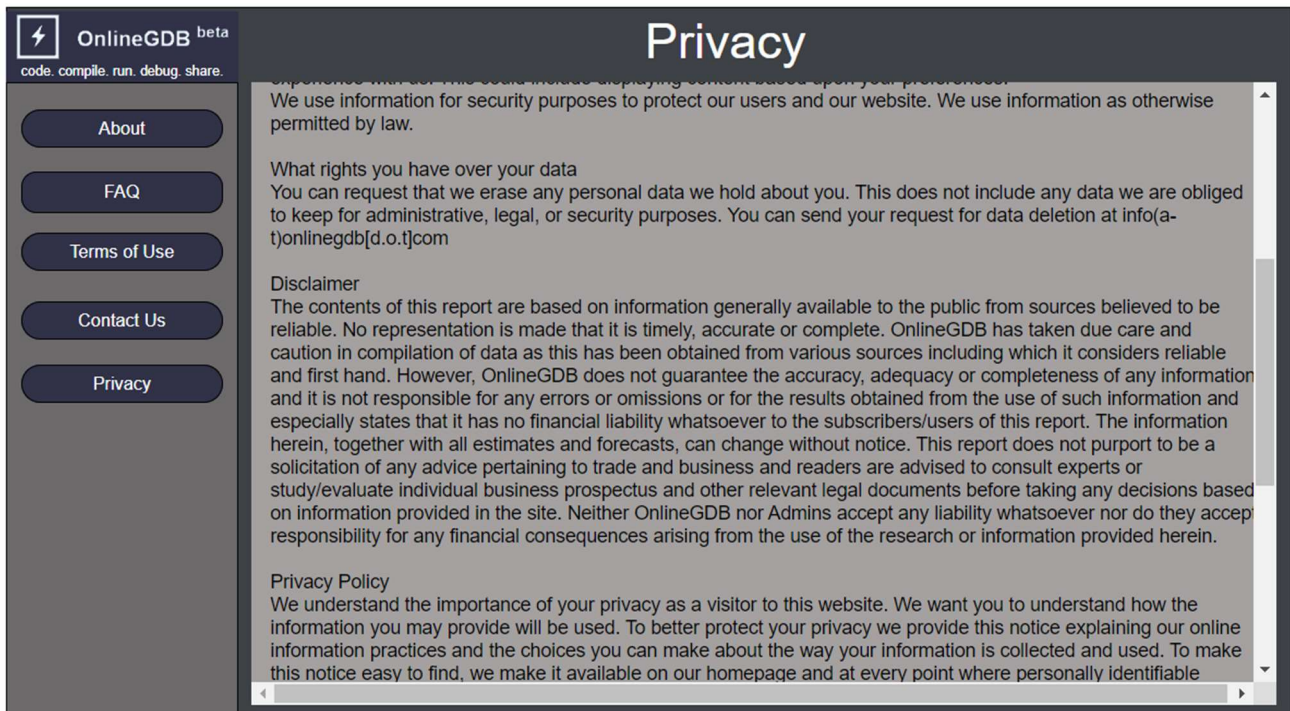
Privacy

# Contact Us

Feel free to contact us for any query/comment/concern related to onlinedb.com  
Please leave your message via form below. We will get back to you as soon as possible.  
Alternatively you can mail us at [info\[at\]onlinedb.com](mailto:info[at]onlinedb.com)

Email ID:

Message



## ❖ Conclusion:

Hence we are able to understand to design a paper prototype for a selected and understand standards of User interface and build better application interface than selected.