

Scribble Board

Problem Statement

Teams are expected to make a web application that allows freehand scribbling and erasing for the users as a basic feature. This is the only basic feature that has to be implemented.

(15% marks)

Some other advanced features that are to be implemented are:

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|--|---------------------|
| 1) Support for different kinds of pens | (5% marks) |
| 2) Support for different kinds of inks | (2.5% marks) |
| 3) Shape support | (10% marks) |
| 4) Shape autocomplete (as in the iPad notes app) | (30% marks) |
| 5) Support for color fill (as in MS Paint) | (10% marks) |
| 6) Support for cut and move | (15% marks) |

The teams can also implement some more related features taking inspiration from similar apps. These features will be judged on the basis of the novelty and complexity of these advanced features.

(12.5% marks)

Expected Deliverables

- Code Submission
- Detailed Report/Documentation
- Demo Video of Implemented Features

Submission Deadline

Glider Submission: 23:59 Hrs, 5th April 2023

Further communications regarding the submission shall be done via the respective channels.

Team Structure

A team size of maximum 6 students is allowed. Each team must have at least *three* UGY22 and *two* UGY21 students.

Also, maximum two teams from each pool are allowed to participate in this event