

PRECEPTOR



A

HUMAN COMPUTER INTERFACE

Bachelor of Technology

in

Computer Science & Engineering

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PRECEPTOR

Preceptor is a web-based learning management system, it is used by learning institutions, educators and students to access and manage online course learning materials and enhances student learning. Preceptor allows students to access their courses and groups using a device. Students can submit assignments, view grades and course materials. This interface also provides access to course calendars, To Do items, notifications, and Conversations messages. Eco-friendliness, keep your documents and assignments within preceptor saves paper and link. Saving money and resources for students and preceptors and your department. Preceptor makes assignment submissions as easy as attaching a document to an email. Courses can be used easily, no more printing required, it serves as a platform where teachers can post assignments, create discussion boards and upload content like power-point.

EXISTING SOLUTION

Existing solution is canvas. Canvas allows students to access their courses and groups using a mobile device.

DRAWBACKS OF EXISTING SOLUTION

Useless tabs: There are a lot of tabs in canvas that feel outright useless, confusing, and add to the clunkiness.

Example: People tab is one such tab.

Issues With Sharing Files: Canvas requires too many clicks to share data and files, and takes too long.

PROPOSED SYSTEM

Preceptor is learning platform enhance teaching power and the student's learning experience. It allows student to maintain their materials.

ADVANTAGES OF PROPOSED SYSTEM

Useful tabs: There are no useless tabs in preceptor. Only required and essential tabs are placed.

Navigation bar: Preceptor doesn't require too many clicks, instead navigation bar is used to navigate to other pages easily.

SYSTEM REQUIREMENT SPECIFICATION

HARDWARE REQUIREMENT

- Desktop
- Minimum size of desktop - 800x600
- 1GB Ram
- 2GHz processor
- Internet speed-512kbps

SOFTWARE REQUIREMENT

- HTML
- CSS

LITERATURE SURVEY

The other applications like preceptor are Moodle, Canvas

MOODLE:

Moodle is a free and open-source learning management system written in PHP and distributed under the GNU General Public License. Moodle is used for blended learning, distance education, flipped classroom and other online learning projects in schools, universities, workplaces and other sectors

CANVAS:

Canvas is built to make teaching and learning easier for everyone, from the littlest learners to college faculty to business leaders. Learn more about how Canvas works with your institution.

SOFTWARE

HTML

HTML stands for Hyper Text Markup Language. It is the standard markup language for creating Web pages. HTML describes the structure of a Web page. It consists of a series of elements. HTML elements tell the browser how to display the content. It is a standardised system for tagging text files that creates the structure for just about every page that we find and use on the web.

CSS

Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS (Cascading Style Sheets) is used to style and layout web pages — for example, to alter the font, colour, size, and spacing of your content, split it into multiple columns, or add animations and other decorative features.

TEST CASES

TEST FAIL: Use “@” symbol

STUDENT LOGIN PAGE

Email:

Password:

[forgot password?](#)

TEST PASS: Student login

STUDENT LOGIN PAGE

Email:

Password:



[forgot password?](#)

TEXT PASS: Teacher login

TEACHER LOGIN PAGE

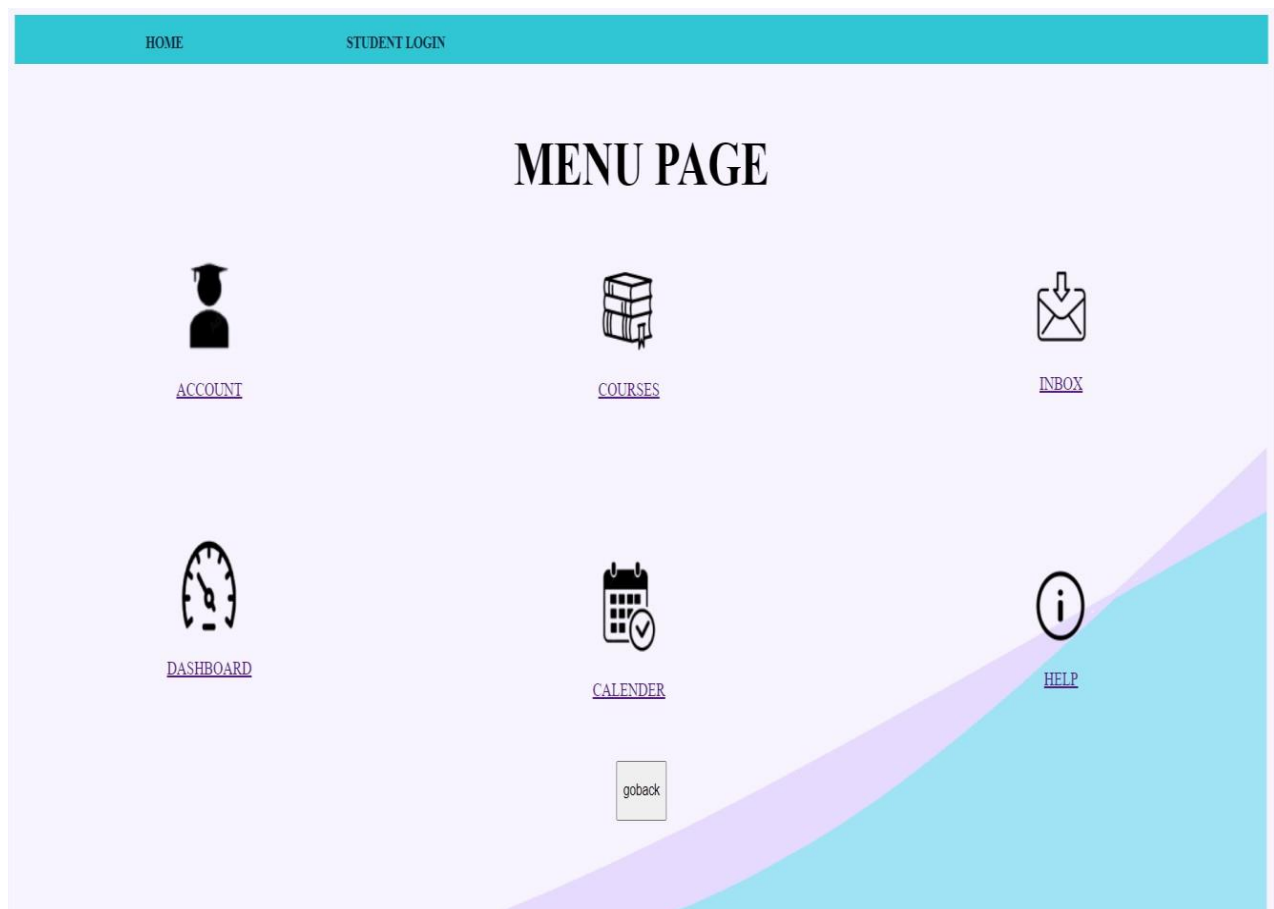
Email:

Password:



[forgot password?](#)

TEST PASS: Login successful



CONCLUSION

- Canvas tools enhance teaching power and the student's learning experience.
- Save more time and effort and allowing greater focus on other priorities.

FUTURE SCOPE

- Online schooling is a great alternative.
- Online learning systems are flexible in managing their online courses.

REFERENCES

This has been taken from canvas application

- https://www.google.com/search?q=canvas+app&spell=1&sa=X&ved=2ahUKEwiwh_e_t8T7AhWlDrcAHe_RBR8QirwEKAB6BAgGEAE

Colours are taken from colorhunt

- <https://www.google.com/search?q=colorhunt&oq=&aqs=chrome.0.69i59i450l8.293436303j0j15&sourceid=chrome&ie=UTF-8>

Icons are taken from flaticon

- <https://www.google.com/search?q=flaticon&oq=FLAT&aqs=chrome.1.69i60j0i67i131i433j69i57j0i67j0i67i131i433j0i67j69i60l2.6315j0j9&sourceid=chrome&ie=UTF-8>