

FAURA VIRTUAL TOUR

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ABSTRACT

The objective of the project is to provide a virtual tour of the third floor of the Faura building. A touchscreen is used to get four possible inputs from the user. Four lasers span a glass frame that is attached to the monitor of the computer terminal. The user can view Faura in either still or live view mode. In still mode, the user walks through captured pictures and videos of the rooms and hallways in Faura. Information about the rooms is also available. In the live view mode, the user views a room and has control over the sideways movement of the camera monitoring that room. Flash is used in managing the database of pictures and videos. Visual Basic is used in controlling the computer interface of both the camera and the touchscreen through the parallel port.