

HCI in WEB DESIGN

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Patterns of Human Interaction

- I. Self - Exploration
- II. Instant gratification
- III. Satisfying
- IV. Changes in mindstream
- V. Deferred choices
- VI. Incremental construction
- VII. Habituation
- VIII. Spatial memory
- IX. Prospective memory
- X. Streamlined repetition
- XI. Keyboard only
- XII. Other people's advice

What do we mean by HCI in Web Design?

- Rules of Thumb
 - Content
 - User Interface
 - Graphic Design
- Design for everyone
- Be open
- Talk like a person
- Open to changes
- Help will always be given for those who ask for it

Some design guidelines in hci

Shneiderman's Eight Golden Rules:

Strive for Consistency.

Cater to Universal Usability.

Offer Informative feedback.

Design Dialogs to yield closure.

Prevent Errors.

Permit easy reversal of actions.

Support internal locus of control.

Reduce short term memory load.

What is this presentation about?

The presentation talks about a web application which is developed in order to actually not solve any particular issue as such but designed in order to make everyone aware of certain principles of design to be followed.

A progressive web application...

A web application which is more nativish...having properties like:

Discoverable

Installable

Linkable

Network independent

Progressively enhanced

Re-engageable

Responsively designed

Secure

Skills used to create a web application...

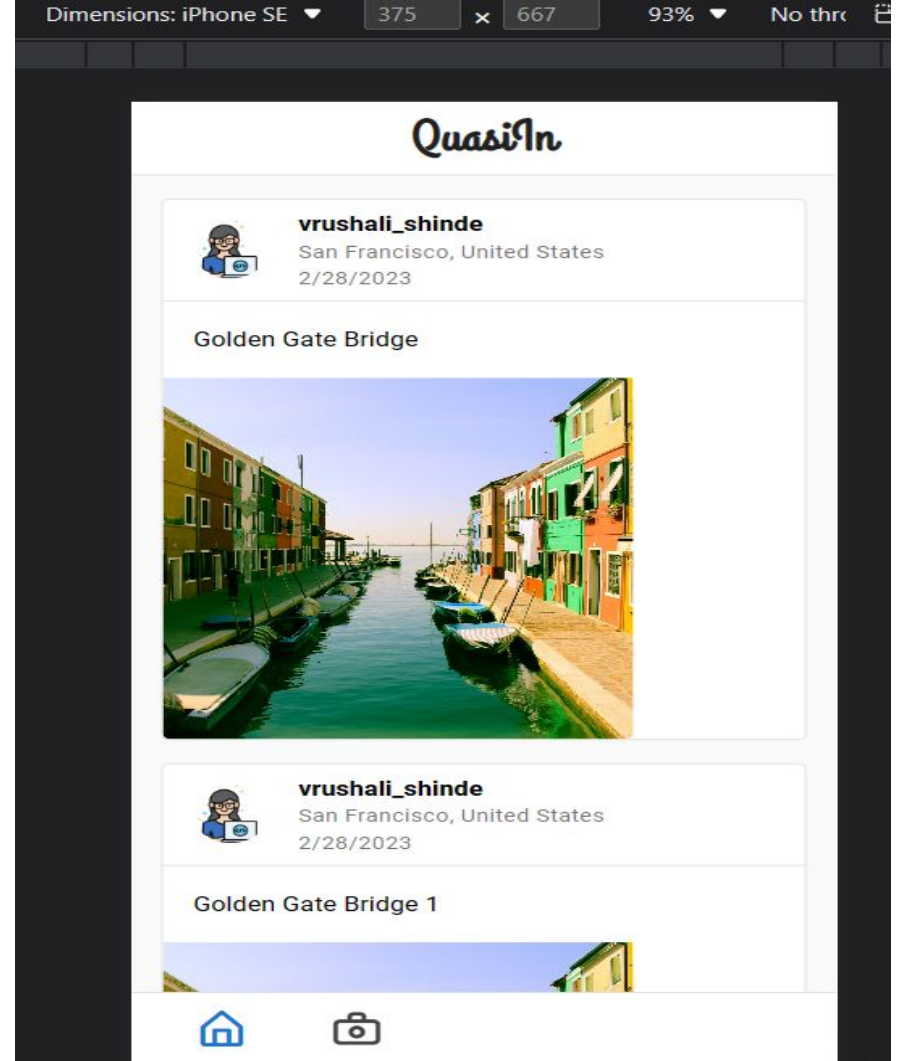
Application build using Vue JS, Quasar Framework, Firebase, NodeJS & Express

The application is all about creating a single page interface where in the user can click the image or upload the files with the help of system camera and then write about the location and description that user would prefer for the linkedin summary.


The application enables user to see multiple version of the same like the instagram page and then user can decide which one to use.

Although, the application does not seem to have any wide range of use, the main motive of it was just to make the spectator aware of what properties a progressive web application should have and show properties like responsiveness when it comes to HCI and how is it related to the HCI.


Sample view of application's home page – Mobile version




Sample view of application's home page – Desktop version

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Golden Gate Bridge



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References:

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- Wikipedia
- <https://quasar.dev/>
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- <https://firebase.google.com/docs/database>

Thank You!

and
Any Questions?