

Pune Institute of Computer Technology

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Department of Information Technology

Class TE (IT)

Subject: LP-II (WADL)

Assignment No.: 4a

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Date:

Title: Implementation of jQuery Mobile

Problem Statement:

Create a simple mobile website using jQuery Mobile.

Objective:

Apply jQuery Mobile library conventions and demonstrates a website.

Theory:

jQuery Mobile is the easiest way to build sites and apps that are accessible on all popular smartphone, tablet and desktop devices.

jQuery Mobile is a touch-optimized HTML5 UI Framework designed to make responsive web sites and apps that are accessible on all smartphones, tablets and desktop devices. jQuery Mobile has multiple Pages and Navigation, Widgets, Form Widgets, etc

Pages -

The page is the primary unit of interaction in jQuery Mobile and is used to group content into logical views, that can be animated in and out of view with page transitions. A HTML document may start with a single "page" and the Ajax navigation system will load additional pages on demand into the DOM as users navigate around. Alternatively, a HTML document can be built with multiple "pages" inside it and the framework will

transition between these local views with no need to request content from the server.

Ajax Navigation -

The \$.mobile.navigate method and the navigate event form the foundation of jQuery Mobile's navigation infrastructure. As such, they can function outside the confines of jQuery Mobile as a clean and intuitive navigation/history API.

Widgets -

jQuery Mobile has a very basic navbar widget that is useful for providing up to 5 buttons with optional icons in a bar.

Form Widgets -

Checkbox inputs are used to provide a list of options where more than one can be selected. Checkbox buttons are enhanced by the checkboxradio widget.

Conclusion:

Thus, we are able to create a simple Mobile website using jQuery Mobile.

19/11/14