



PICT, PUNE

## Assignment 4-a

38271

Batch: N-10

Title : Implementation of jQuery Mobile

Problem Statement : Create a Simple Mobile Website using jQuery Mobile

Objective : Apply jQuery Mobile library conventions and demonstrate a website

Theory :-

What is Mobile jQuery?

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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 websites and apps that are accessible on all smartphone, tablet and desktop devices.

1. 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 jQuery Mobile site must start with HTML5 doctype to take full advantage of all the framework's features.

## 2. Widgets:

### • Navbar

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

### • Navbar basics

A Navbar is coded as an unordered list of links wrapped in a container element that has the `data-role="navbar"` attribute.

## 3. Form Widgets

### • Checkbox

Checkbox inputs are used to provide a list of options where more than one can be selected.

### • Basic markup

To create a single checkbox, add an input with a `type="checkbox"` attribute and a corresponding label. If the input isn't wrapped in its corresponding label.



- Radio buttons

Radio inputs are used to provide a list of options where only a single option can be selected. Radio buttons are enhanced by the `checkboxradio` widget.

- Basic markup

To create a set of radio buttons, add an input with a `type = "radio"` attribute and a corresponding label.

Conclusion: Thus, we are able to create a simple Mobile Website using jQuery Mobile.