

## Key manifest properties:

### short\_name and/or name :

You must provide at least the short\_name or name property. If both are provided, short\_name is used on the user's home screen, launcher, or other places where space may be limited. name is used when the app is installed.

### icons :

When a user installs your PWA, you can define a set of icons for the browser to use on the home screen, app launcher, task switcher, splash screen, and so on. The icons property is an array of image objects. Each object must include the src, a sizes property, and the type of image.

### start\_url:



The start\_url is required and tells the browser where your application should start when it is launched, and prevents the app from starting on whatever page the user was on when they added your app to their home screen.

### background\_color:

The background\_color property is used on the splash screen when the application is first launched on mobile.

### Display:

You can customize what browser UI is shown when your app is launched. For example, you can hide the address bar and browser chrome. Games can even be made to launch full screen.

Property	Use
fullscreen	Opens the web application without any browser UI and takes up the entirety of the available display area.
standalone	Opens the web app to look and feel like a standalone app. The app runs in its own window, separate from the browser, and hides standard browser UI elements like the URL bar. 
minimal-ui	This mode is similar to standalone, but provides the user a minimal set of UI elements for controlling navigation (such as back and reload). 
browser	A standard browser experience.

## Add the web app manifest to your pages

After creating the manifest, add a <link> tag to all the pages of your Progressive Web App. For example:  
<link rel="manifest" href="/manifest.json">

### 11. Installation Steps / Performance Steps and Results –

Q1	Write manifest.json file and include it in ecommerce website.
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**Source code:**

```
{
  "name": "ecommerce",
  "short_name": "ecommerce",
  "start_url": "/ecommerce.html",
  "display": "standalone",
  "background_color": "#FFE9D2",
  "theme_color": "#FFE1C4",
  "orientation": "portrait-primary",
  "icons": [
    {
      "src": "/img/icons/icon-72x72.png",
      "type": "image/png",
      "sizes": "72x72"
    },
    {
      "src": "/img/icons/icon-96x96.png",
      "type": "image/png",
      "sizes": "96x96"
    },
    {
      "src": "/img/icons/icon-128x128.png",
      "type": "image/png",
      "sizes": "128x128"
    },
    {
      "src": "/img/icons/icon-144x144.png",
      "type": "image/png",
      "sizes": "144x144"
    },
    {
      "src": "/img/icons/icon-152x152.png",
      "type": "image/png",
      "sizes": "152x152"
    },
    {
      "src": "/img/icons/icon-192x192.png",
      "type": "image/png",
      "sizes": "192x192"
    },
    {
      "src": "/img/icons/icon-384x384.png",
      "type": "image/png",
      "sizes": "384x384"
    },
    {
      "src": "/img/icons/icon-512x512.png",
      "type": "image/png",

```

```
    "sizes": "512x512"  
  }  
]  
}
```

**Output:**

