

(1) What is Angular?

Angular is a platform and framework for building client application in HTML and Typescript. Angular is written in Typescript. It implements web & optional functionality as a set of typescript libraries that you import into your apps.

(2) Enlist any four benefits of an Angular

- (1) Enhanced. operational Capabilities
- (2) Useful Declaration framework.
- (3) Consistency with typescript.
- (4) Smarter Component Based Architecture
- (5) Speed & Productivity & performance.

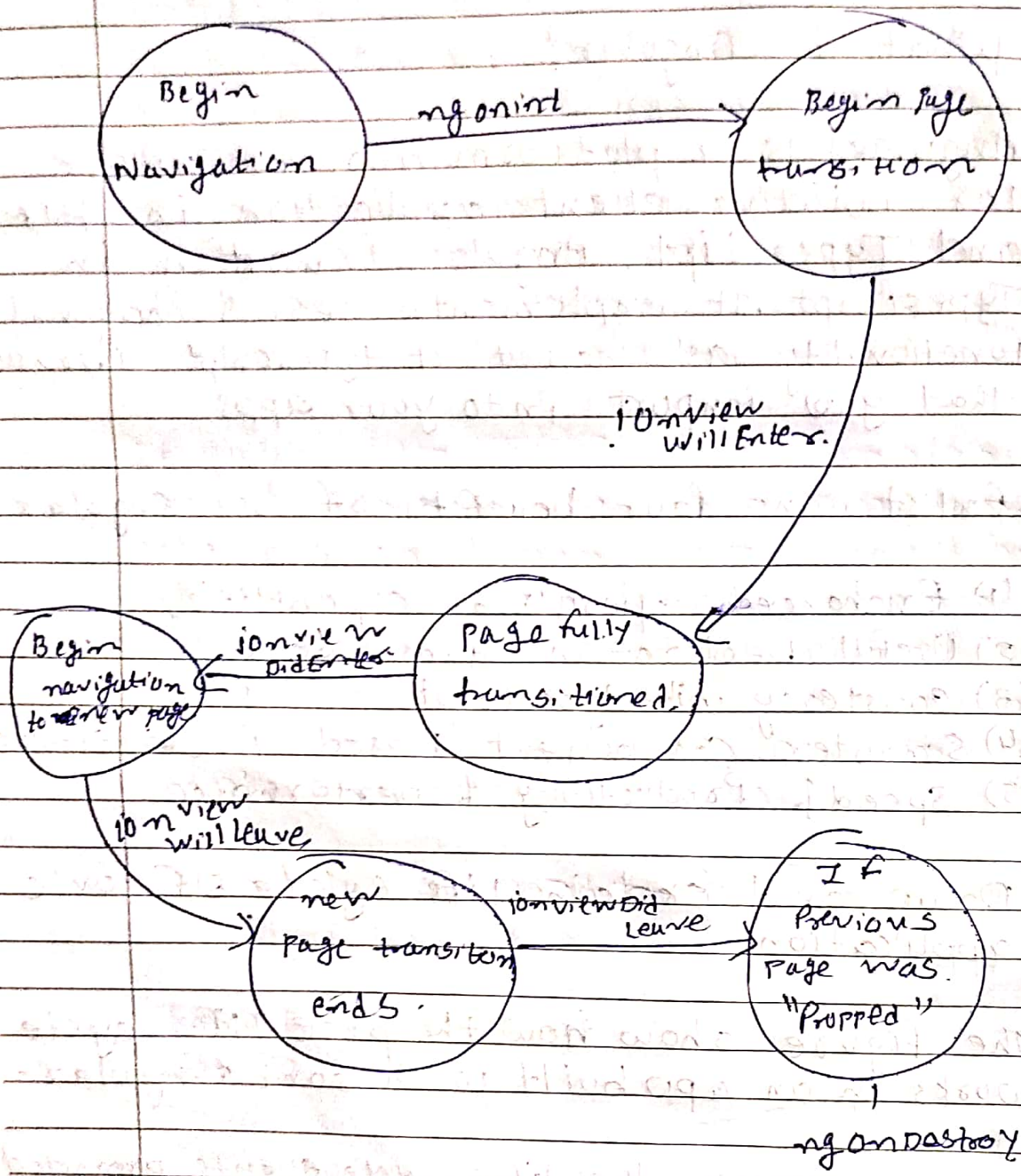
(3) Draw and explain life cycle of ionic application

The figure show how the page life cycle works in an app built with some 4 angular.

Ionic embraces the life cycle events provided by angular the two Angular events you will find using the most are:-

`ngOnInit`, `ngOnDestroy`

`ngOnInit` is fired over during experiment initialization local member & make calls into



services that only need to be done over.

~~ng~~ `ngOnDestroy` is fired right before Angular destroys the view, useful for clean up like unsubscribing from observations.

In addition to the angular life cycle events, Ionic angular provides a few additional events that you can use: -

`ion view will enter` - fired when the component routing to `about` is about to animate into view

`ion view will enter` - fired when the component routing to `has finished` animating.

`ion view will leave` - fired when the component routing ~~to~~ from `about` is about to animate.

`ion view did leave` - fired when the component routing to `has finished` animations.

(4) Which command is used to create a project in ionic?

`[ionic start]` is used to create a project in ionic `start - type = angular` [default]

(5) Write a detail note on testing & debugging of ionic application.

Debugging Ionic application can be broken down into three distinct phases browser level, Each one of the ~~phase~~ phases often different levels of ~~bug~~ input into your application. Since ionic is built atop web technologies often the best place to those solutions, there are some other first steps we can take.

If your ~~test~~ ~~is~~ ~~test~~ ios is complaining about a variable or a function, that usually a good sign that something is amiss. There are times when a reference is incorectly updated when desfastoning or a path to a module is off by a sub folder. Spotting these simple mistakes.

(6) Name the supporting language of each ionic version.

Ionic 1

Ionic 2

Ionic 3

Ionic 4

In Ionic 1, 2, 3 - Build using Angular JS
Angular Framework

In Ionic 4 - Vanilla, view is, React's.