# **Mindset and Attitude**

Question:

**Your career plan for the next 5 years?**

* Your career objective
* List 5 key activities you should do to reach that objective
* What you need to improve to achieve these objectives?

**Make a plan to become an expert on a topic you interest?**

Answer:

**Long-term career objective/goal (next 5 years):**Project Manager

**Short-term activities:**

* Work effectively and learn related techniques to support current work
* Practice new techniques and soft skills.
* Get working experience from team members and from team experts
* Conduct workshops to share knowledge and learn from team.
* Build team work relationship: join team activities

**What you need to improve to achieve these objectives?**

* Get Training: Soft skills, Technical and management
* Teamwork skills
* English and Customer Communication: takes a English Communication class
* Practice, practice, practice (Basic skills, Management skills, Technical skills) what I learned in Fast Track Training Class
* Learn more: Cover all aspects of the job about Fontend and Backend to support other staff

**Make a plan to become an expert on a topic you interest**

Practice Days (per day) from Fast Track Training

* + English
  + Technologies
  + Soft skills
  + Customer communication
  + Project management
* From Oct-15– to Feb 16: Complete a English Communication class (2/2016)
* From Oct-15– to Aug 16: self-study to get TOIEC 700 (8/2016)
* From Learn and practice Fontend technologies:
  + Angular Material, Bootstrap 4, Angular 2.0
  + After each monthly goal is achieved, look at my goals and adjust them as needed.
* From Learn and practice Backend technologies:
  + Java, Hirebernate, RestEasy, AMS, MObject
  + After each monthly goal is achieved, look at my goals and adjust them as needed.
* ~~Try to become a tester (8/2016)~~
* From Sep-15: Practice ~~teamwork~~ communication skills: listening, speaking, understanding, and writing emails
* From Sep-15: Practice Management skills in daily work following FTrack courses

Mapping to Competence Dictionary

I will follow different proficiency levels are defined as shown below

1. **Advanced Beginner (Done)**
   1. **Proficient, fluent (hands-on) - [I did]**
      1. HTML
      2. CSS
      3. CSS Stylus
      4. JavaScript
      5. Responsive Web Apps
   2. **Good theoretical knowledge of -** [**I did]**
      1. History of HTML, CSS, JavaScript, JSON
      2. HTTP
      3. SSL/TLS, HTTP Authentication mechanisms
      4. Digital Certificates, Chain of trust
      5. Representational State Transfer (REST) architectural style
      6. Hypermedia As Engine of Application State (HATEOAS)
   3. ***Basic knowledge of*** [**15/9/2015 – 25-9/2015]**
      1. JBoss Web (architecture, components, configuration) [**15/9/2015 – 25-9/2015]**
      2. AngularJS basics - What are single page applications? Data binding, directives and expressions, iterating over data, sorting, filtering, modules, controllers, factories, services, parameter injection, JavaScript anonymous functions, routing.
      3. Other frameworks that are available - pros/cons
   4. ***Awareness [I did]***
      1. ***HTML5***
         1. ***My sharing*** [*http://cminhho.github.io/HTML5-Presentation*](http://cminhho.github.io/HTML5-Presentation) ***to my team*** (AxS Modeling)
      2. ***CSS3***
      3. ***Web components***
      4. ***Material Design***
   5. ***Overall Expectation [I did]***
      1. Understands basic concepts - able to understand some of the web UI code, write small and simple web apps/examples
2. **Competent:**
   1. Should have good knowledge of web front end frameworks and UI/UX Frmeworks.
      1. Javascript
         1. **Professional JavaScript For Web Developers.pdf [13/8/2015 - 15/11/2015]**
         2. JavaScript-Memory-Profiling [I did]: <https://github.com/cminhho/JavaScript-Memory-Profiling>
         3. My practice <https://github.com/cminhho/professional-javascript-example>
      2. Angularjs:
         1. My sharing about AngularJS to my team (AxS Modeling) <http://cminhho.github.io/AngularJS-Presentation>
         2. My Example: <https://github.com/cminhho/AngularExample>
      3. Angularjs 2.0 **[15/10/2015 – 12/11/2015]**
         1. My web app using Angular 2.0: <https://github.com/cminhho/Angular2>
      4. Bootstrap **[I did]**
      5. Angular modules like ui-router, etc..**[I did]**
      6. Front end graph fwks
         1. Backstretch JS, C3 Chart, Morris chart [**I did**]
      7. Angular Material **[1/9/2015 – 1/10/2015]**
   2. Should have good knowledge in server side web technologies
      1. RestEasy/ Spring MVC / JAXRS **[5/7/2015 – 15/11/2015]**
         1. RestEasy: <https://github.com/cminhho/RestEasy-Example>
         2. Spring MVC: <https://github.com/cminhho/Spring-MVC-RESTFul>
      2. JSON
      3. Design Pattern **[15/11/2015 – 15/2/2016]**
      4. Hibernate **[15/11/2015 – 15/2/2016]**
   3. Should have good knowledge in Web components build management tools
      1. Yo [**I did**]
         1. I have created a Yo module: <https://www.npmjs.com/package/generator-html5-boilerplate>
      2. Grunt [**I did**]
      3. NodeJS [**15/11/2015**]
         1. <https://github.com/cminhho/node-todo-app>
      4. NPM [**I did**]
         1. I have created a NPM module:
            1. <https://www.npmjs.com/package/generator-angular-boilerplate>
      5. Bower [**I did**]
      6. Stylus [**I did**]
   4. Should have good Knowledge in Web Unit-testing frameworks.
      1. Jasmin [**11/2015**]
      2. Karma [**1/2016**]
   5. Should have good working knowledge in web frameworks [**12/2015**]
3. **Proficient [4/2016]**
   1. Should have in-depth knowledge in web ui frameworks(Javscript patterns, Angularjs dependency injection concepts,etc). [**4/2016**]
   2. Should have in-depth knowledge in UI/UX designs. [**2/2016**]
   3. Should have knowledge in java/j2ee architectural design patterns [**15/9 – 15/12**]
   4. Should have in-depth working knowledge in web ui frameworks [**3/2016**]
4. **Expert:**
   1. Should be able to Design/Create a Enterprise web Application:
      1. Responsive Admin and Dashboard UI(Angular and Angular modules, Stylus, JS, HTML5, CSS3, Bootstrap 3, Web Responsive, Jquery, Backstretch JS, C3 Chart, Morris chart) **[I did]** <https://github.com/cminhho/Responsive-Admin-and-Dashboard-UI>
      2. Music manager Exercise (Server technologies: Tomcat 7, Spring 4.1.1, JDK 1.7, MongoDB. Client technologies: AngularJS and Angular modules, JS, Jquery, Bootstrap 3, HTML5, CSS3) **[I did]**: <https://github.com/cminhho/Music-Manager-Exercise>
      3. Hello Center web application using above technologies (Server technologies: RestEasy, Hibernate, Design Pattern. Client techonologies: AngularJS, Angular Material, HTML5, CSS3) [**1/10/2015**]
      4. Multi Center web application using above technologies (Server technologies: RestEasy, Hibernate, Design Pattern. Client techonologies: AngularJS 2, Angular Material, HTML5, CSS3) [**15/4/2016**]

<http://tiger.in.alcatel-lucent.com:8090/display/Conv/Web+UI+Competency>

Proficiency level transitions

| **Transition** | **Mandatory to complete** | **Optional** | **Remarks** |
| --- | --- | --- | --- |
| Level 3 to Level 4 | Architecture Styles training  Design guidelines training |  |  |
| Level 1 to Level 2 | Class Room Training on web frameworks   1. HTML/CSS \* [Safari: HTML & CSS: Design and Build Websites by Jon Duckett](http://search.safaribooksonline.com/book/web-development/html/9781118206911) \* [Code Academy: HTML & CSS (hands-on)](http://www.codecademy.com/en/tracks/web) \* [Learn CSS Layout](http://learnlayout.com/) \* [What is flexbox?](https://www.youtube.com/playlist?list=PLu8EoSxDXHP7xj_y6NIAhy0wuCd4uVdid)  \* [A complete guide to Flexbox](https://css-tricks.com/snippets/css/a-guide-to-flexbox/) 2. JavaScript \* [JavaScript evolution (videos on youtube)](http://javascript.crockford.com/) \* [JavaScript: The Definitive Guide, 6th Edition by David Flanagan](http://search.safaribooksonline.com/book/programming/javascript/9781449393854) (Chapters 1 to 10) \* [Code Academy: JavaScript (hands-on)](http://www.codecademy.com/en/tracks/javascript) 3. AngularJS \* [AngularJS-jumpstart by Dan Wahlin](https://www.udemy.com/angularjs-jumpstart/) \* [AngularJS Tutorial](https://docs.angularjs.org/tutorial) 4. REST \* [Roy Fielding's dissertation](http://www.ics.uci.edu/~fielding/pubs/dissertation/rest_arch_style.htm) \* [REST tutorial](http://www.restapitutorial.com/lessons/whatisrest.html) \* [REST+JSON API Design - Best Practices for Developers](https://www.youtube.com/watch?v=hdSrT4yjS1g) \* [RESTful API Design - Second Edition](https://www.youtube.com/watch?v=QpAhXa12xvU) 5. HATEOAS \*  [Wikipedia](https://en.wikipedia.org/wiki/HATEOAS) \* [Honing in on HATEOAS](http://apigee.com/about/blog/developer/api-design-honing-hateoas) 6. Security \* [Digital Signatures](https://www.youtube.com/watch?v=c1QAyyE5Xy4) \* [Chain of trust](https://www.youtube.com/watch?v=hH69NWUv2Cs)     4. Bootstrap  5. JSON/JAX-RX  6. REST web-services  7. Web Unit test framework  8. Web build management tools  Activity  Assignments |  |  |
| Level 2 to Level 3 | Class room trainings on advanced javascript,Angularjs, webservices.   1. i18n using angular-translate 2. JavaScript promises 3. Creating custom directives 4. ui-router 5. Accessibility - ngAria 6. Angular Style Guide (John Papa) 7. Rest API design guidelines     On the job trainings |  |  |