TIMELINE	Week 1	Week 2	Week 3	Week 4
Front-end Development	• Distribute overview for content request to business stakeholders. • Finalize mockups for *public portal* layout, including responsiveness spec. • Develop *splash* page.	• Distribute detailed *splash* page content request to business stakeholders. • Develop template for the *products* route. • Update <u>Design & Style</u> blueprints.	• Distribute detailed *Public* portal content requests to business stakeholders. • Develop templates for the remaining *public* routes based on *products* page. • Brainstorm CMS–based content updates/modifications.	• Research React.js[1]. • Develop templates for *customer* and *employee portal*. • Discuss detailed content requests for all remaining routes with business stakeholders.
Testing		Unit	Unit, Interface	Functionality
	Research frontend testing frameworks	Test splash page	Test product page	Test other pages
Back-end Development	• Setup the development environment, i.e: software installation, infrastructure wire up, git branches. • Set up splash page route	• Set up category page route • Setup posts routes • Research about keystone content management portal implementation	• Setup remaining routes, i.e: account, customer portal, employee portal	• Discuss the implementation solution for CMS portal • Setup required route for CMS system

---

[1] React.js is the library used by keystone.js to generate content management portal

TIMELINE	Week 5	Week 6	Week 7	Week 8
Front-end Development	• Situate the *CMS* portal inside the *employee* portal. • Restyle *CMS* to match corporate website. • Update Design & Style mockups and blueprints.	• Research dependent technologies (e.g. shopping cart APIs). • Collaborate with whole web team to produce design documents for complex routes: **store, my account/devices, purchase, dept. portals.** • Refine *customer* and *employee* portal templates. • Update Design & Style blueprints.	• Begin developing complex routes. • Itemize missing content: o icons, graphics, etc. • Establish feature freeze for GA/release.	
Testing	Unit, Interface	Functionality, Usability, Compatibility Test public portal and CMS system	Performance	Security Test complex pages
Back-end Development	• Research about transaction safety solutions • Generate request of license for those service to the business stakeholders • Setup prototypes for those modules		• Develop alpha version for shopping cart, tesseract license purchases and other transaction related services • Iteration with business stakeholders for those applications • Establish feature freeze for GA/release.	

TIMELINE	Week 9	Week 10	Week 11	Week 12
Front-end Development	• Distribute a final overview for Corporate Web content. • Continue developing complex routes.	• Integrate external dependency content as delivered. • Continue developing complex routes.	• Integrate external dependency content as delivered. • Wrap-up complex route development.	• Conduct Design critique. • Tweak styles. • Update Design & Style blueprints.
Testing	Unit, Interface, Functionality	Performance, Compatibility Over all system test	Security	Usability
Back-end Development	• Setup Jenkins auto build task			

TIMELINE	Week 13			
Front-end Development				
Testing	Usability, Compatibility, Performance			
Back-end Development				