May 12, 2012  
  
  
Technical Solution for Communities Project  
  
Core Functionality  
  
Admin controled content - Article, Blog, Buying Guides  
Question & Answers  
Single Sign-On (SSO) - User login  
LDAP Login - Admin Login  
Interest Page - Template pages published by an editor based on taxonomy.  
  
  
Dependencies  
  
Sears Single Sign-On (SSO)  
LDAP   
Twitter  
Facebook  
  
  
Proposed solution  
  
WordPress   
  
N-Number of usering facing WordPress servers  
Segragated Admin server  
Cacheing server for scalability  
  
  
Pros  
  
Built-in: Content editing and publishing  
Built-in: Comments  
Built-in: Taxonomy (multiple and custom)  
Built-in: Moderation (simple)  
Built-in: RSS for syndication  
Extend content and comments for Q & A  
Built-in: Admin (LDAP)  
Mature software platform (10+ years)  
Huge (10,000+) open source community continuously testing  
Thousands of plugins (specific to: LDAP, Syndication, Profanity Filter, Analytics, Site Map, Cacheing, Social Media)  
Large local (Chicago) PHP community   
Integrated web development (back end and front end developers sitting together)  
Existing threaded PHP on a scalabilty web tier (NGINX)  
  
  
Cons  
  
No user facing admin (SSO)  
Enterprise acceptance of WordPress