**Components for Pratian Code Library**

The following are the components which we can have,

1. Email Sending
2. SMS Sending
3. Exception Logging
4. Document Engine (Word/Excel/PDF) – Download/Print
5. Integration with Social Networking Site(Facebook, Twitter)
6. Single Sign On feature
7. Active Directory Services
8. Caching Mechanism
9. Captcha Handler
10. Google Map Integration
11. CRUD feature with a default UI to the database
12. A decent UI layout
13. Grid View having advanced Excel-Like operations
14. Upload (Async/Cloud/Application)
15. Charting
16. Rating
17. Scheduler
18. Password Management
19. Custom Validation along with client side
20. Cascading drop down list
21. Bootstrap for changing the look and feel of the application
22. Storing Images in the database and also in folder.
23. Encryption/Decryption
24. Payment Gateway Integration
25. Excel Data Upload to Database
26. Search Engine Integration
27. Feedback Management
28. Registration and Log-In Management
29. CSS compatibility to different browsers
30. Repository UTIL to specific vendor
31. Basic UI element enhancement for better usability factors
32. Sample code for SOAP/REST/API Services and its consumption
33. Listing the problems with the optimized solution for it.