**Intranet Technical Documentation**

1. **List tool and technologies in program**
2. Tools:

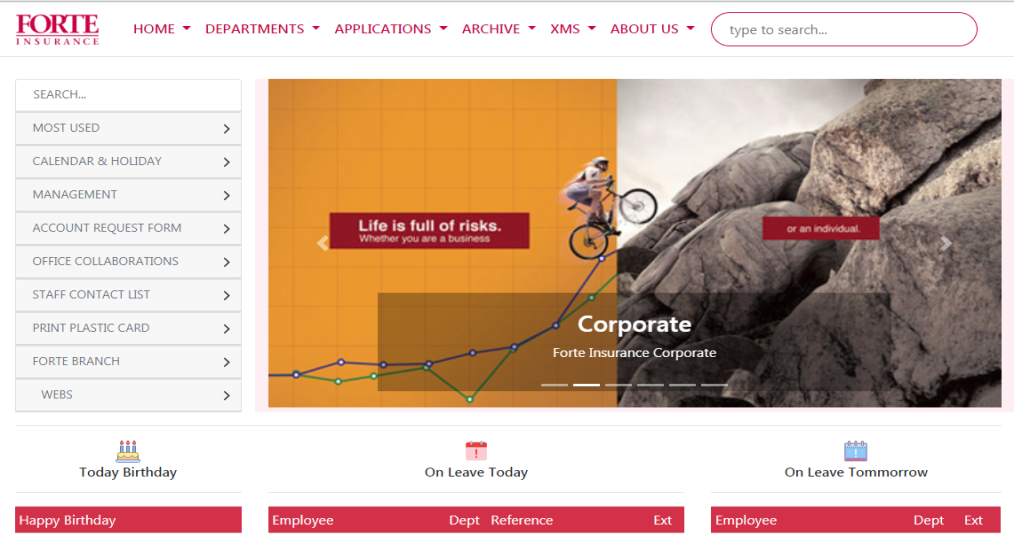
* VS 2015
* .net 4.5

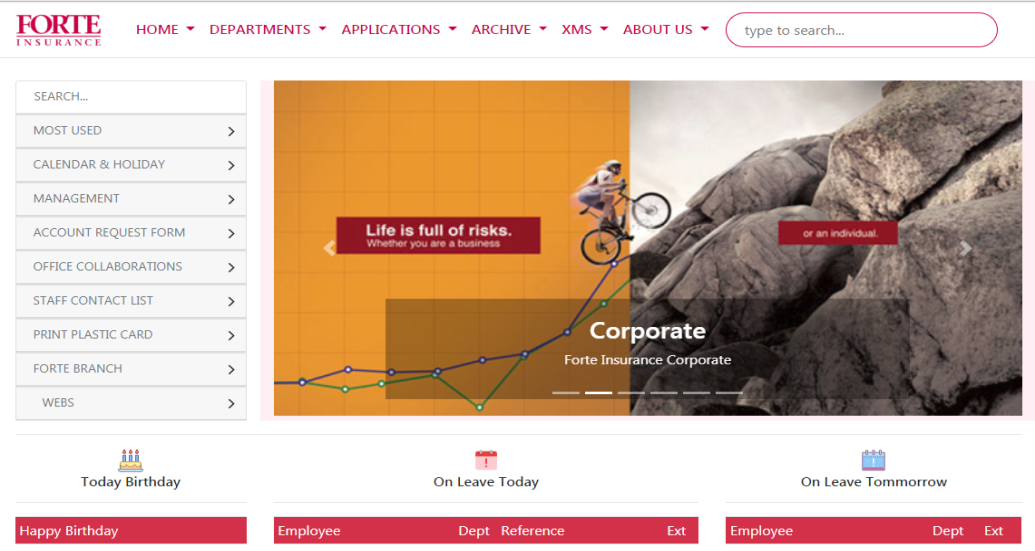
1. Technologies

* Umbraco v 7.11.1
* Boostrap v 4.0.0 & v 3.3.7
* jQuery
* Petapoco (Sql query method)
* Popper
* Font awesome
* Icons: Icon8

1. **List menu and sub-menu**

|  |  |  |
| --- | --- | --- |
| **Notice** | | |
|  |  |  |
| Completed | Going to do | Under construction |

1. **Top Menu**
2. **Home**
3. News and events
4. Help desk
5. Check request form
6. Petty cash request form
7. Transportation request form
8. **Departments**
9. Staff dir. by Dept
10. Staff record
11. HR notification
12. IT
13. IT Policies
14. Office template
15. Office template save
16. Public folder map
17. Staff equipment syst.
18. HR
19. Employee hand book
20. Training schedule
21. CII MII schedule
22. Exam guidelines
23. Suggestion book
24. Staff orientation
25. Recruitment requirement
26. **Applications**
27. Car booking **(need to implement login process page)**
28. Leave plan Application
29. Stationery
30. Mail out
31. Photocopy Application
32. LDL application
33. Reimbursement
34. Risk survey
35. AM best
36. name Card
37. Room Booking
38. File management
39. Print card
40. **Archive**
41. Laws
42. Economics
43. Statistics
44. Leaflets
45. Claim from and procedure
46. Model insurance letter
47. **XMS**
48. IMS
49. BPS
50. Fige tree blue
51. RMS
52. IMS
53. Auto premium calculator
54. Claim Payment note
55. Accounting report
56. Claim notification process
57. Cover note printing
58. PLP
59. PA
60. **About** us
61. Corporate profile
62. Ort. chart
63. Brand guidelines
64. **Search**



1. **Left Menu**
2. Search
3. Most used

* [MIS](http://localhost:15822/)
* [Claim payment note](http://localhost:15822/)
* [Claim notification](http://localhost:15822/)
* [Process](http://localhost:15822/)
* [leave plan](http://localhost:15822/)
* [Front desk](http://localhost:15822/)
* [Mail out](http://localhost:15822/)
* [Car booking](http://localhost:15822/)
* [Stationery](http://localhost:15822/)
* [Room booking](http://localhost:15822/)
* [Filling management](http://localhost:15822/)
* [Print plastic card](http://localhost:15822/)

1. Calendar & Holiday
2. Management

* RMS
* MI

1. Account Request form

* Check request form
* Petty cash request form
* Transportation request form

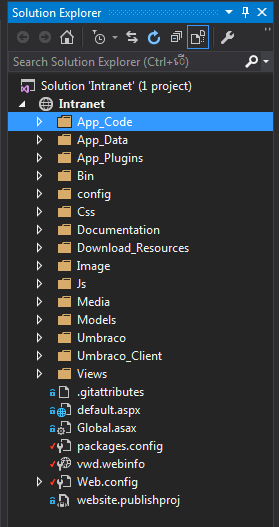
1. Office Collaboration

* Share documents
* Issue and supporting

1. Staff contact list
2. Print Plastic Card
3. Forte Branch
4. Webs

* Forte Insurance
* Fig tree blue

1. **Technical document**

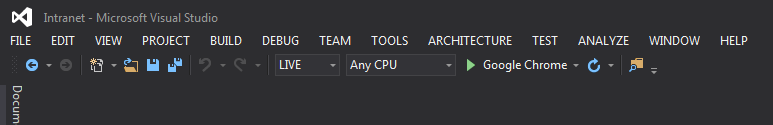


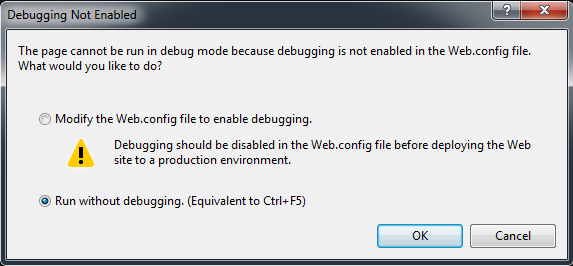
* **App\_Code** : List all model (include database model and object model)
* **Css** : List all css style and libraries such as boostrap
* **Download\_Resources** : Contain all kind of download resources on webpage.
* **Image** : Contain all image resource that use in webpage such as sliders, employee, branch, certificates, ...
* **Js** : Contain all JavaScript such as libraries, and pure JavaScript file that use in webpage.
* **Views**: Contain all webpage that generated by Umbraco CMS (Note! All view must be create in Umbraco admin panel on the web browser).
* **Partial view**: is the view that display at the some part of the page.(Not use in our webpage)
* **Web.config** : List all webpage configuration and connect string as well (Database connection)

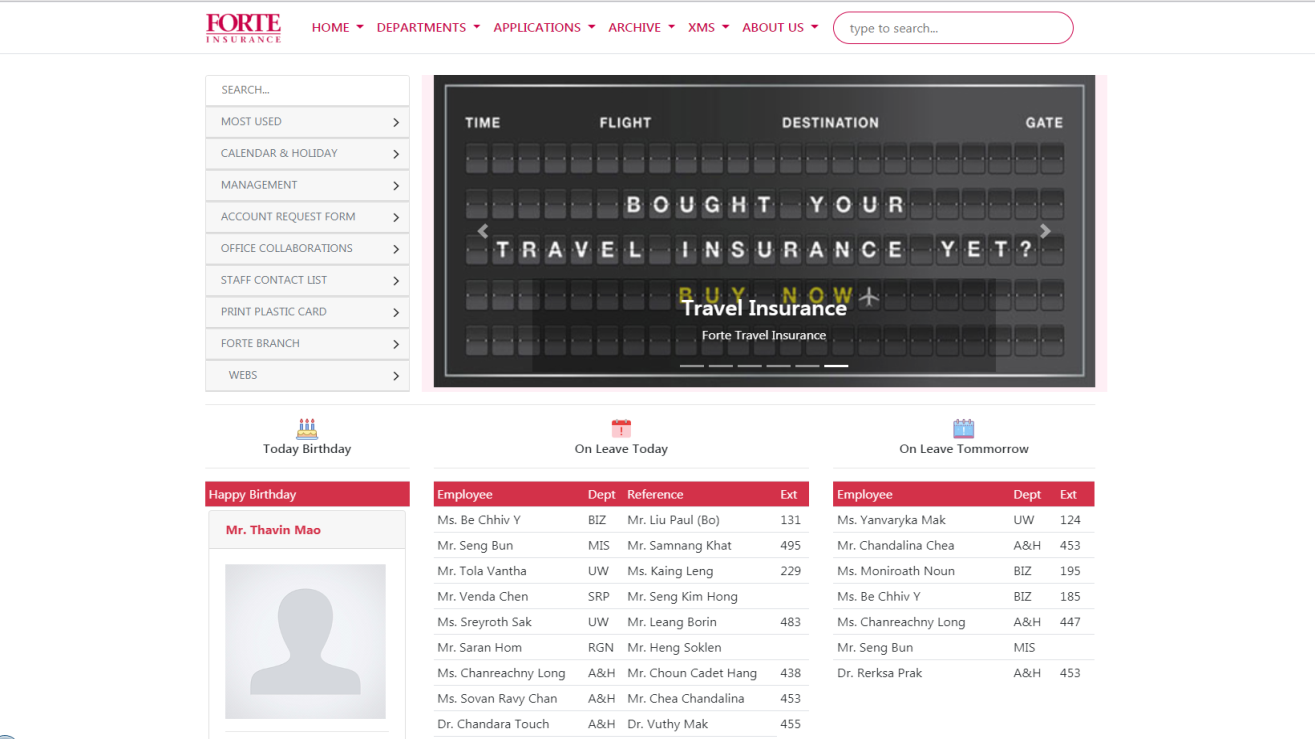
1. **Get start with Umbraco Content management system**

Umbraco is a fully-featured, open source Content Management System loved by thousands for its flexibility and great editing experience. We have few step to get start with Umbraco Project (Intranet Web Application):

1. Start **Visual Studio** and Open **Intranet Project** from project directory
2. Build project from VS and choose run without debugging.





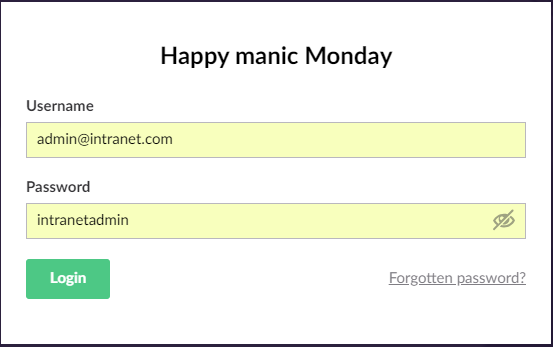
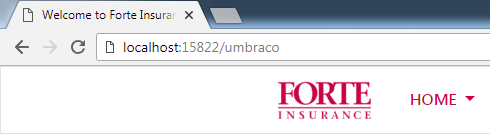


1. Add new pages or go to admin panel
2. base on current Url and follow by "/Umbraco"

Ex.

Current Url (http://localhost:15822/)

=> Umbraco admin (http://localhost:15822/umbraco)



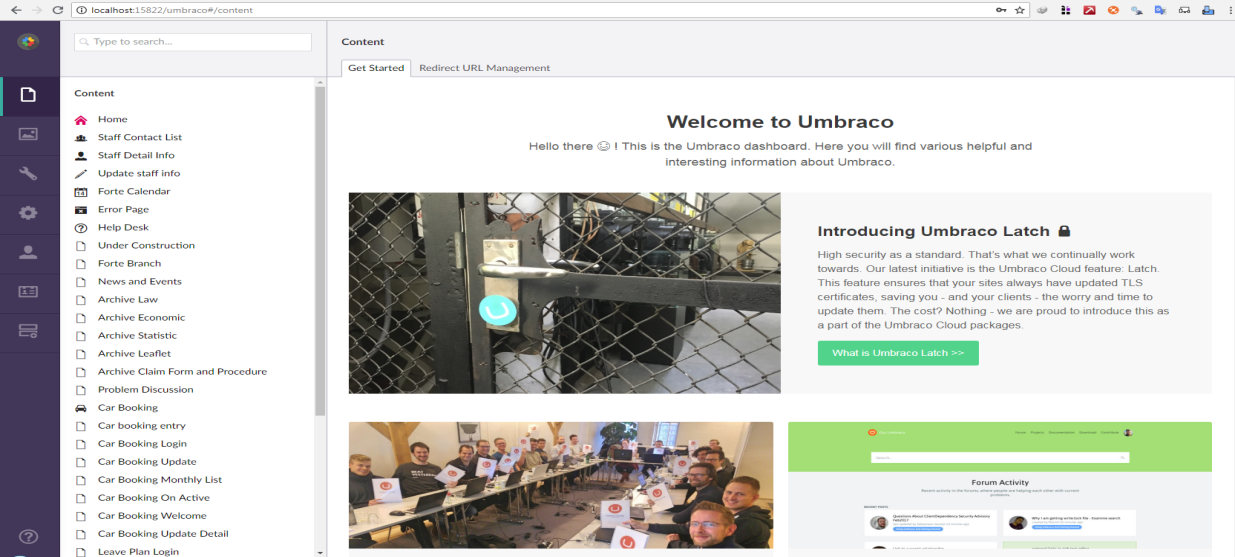
1. You will required to enter Username and Password that's created by Umbraco admin user

**\* Note :**

**Username : admin@intranet.com**

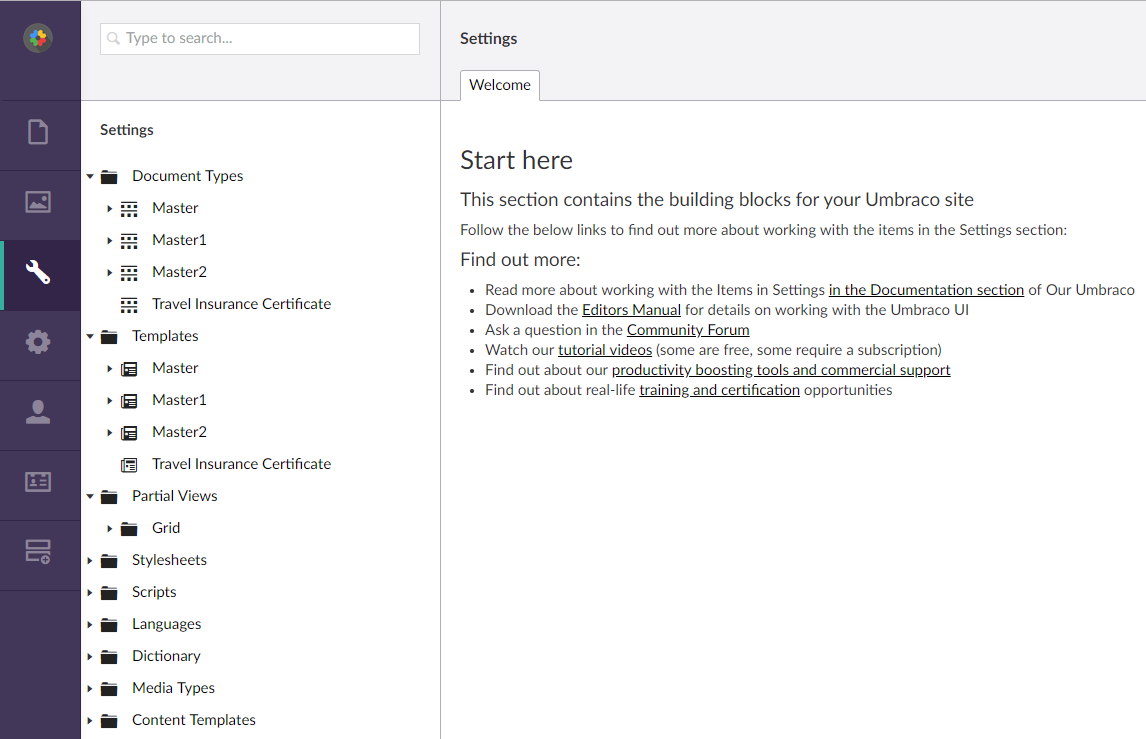
**Password: intranetadmin**

1. Let start with Umbraco admin panel



To create new page on Umbraco project, must create in Umbraco admin panel ( Can't create in VS), We have few steps to create new page in Umbraco:

1. Choose "**Setting Tab**" from left navigation of Umbraco project



+ Many sub menu inside "**Setting Tab**", But only 3 mains component that is important for creating Umbraco Webpage such as :

- [Document Type](https://our.umbraco.com/documentation/tutorials/creating-basic-site/document-types)

- [Templates](https://our.umbraco.com/documentation/getting-started/design/templates/)

- [Partial Views](https://our.umbraco.com/documentation/reference/templating/mvc/partial-views) (Not use in our Project)

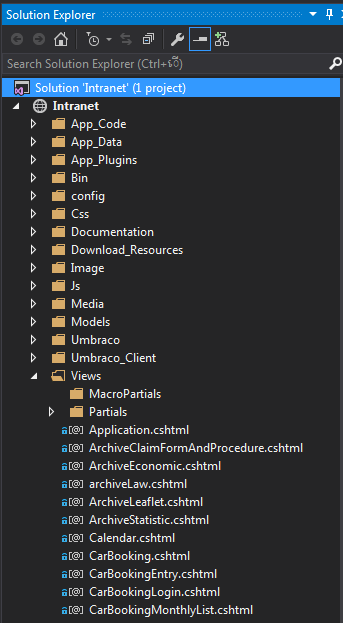
=>Note: Click on Hyperlink above to read more details and how to create them.

1. **How to view template (Page) that's created previously?**

In solution explorer, expend project name then go to "**Views**" then expend View,

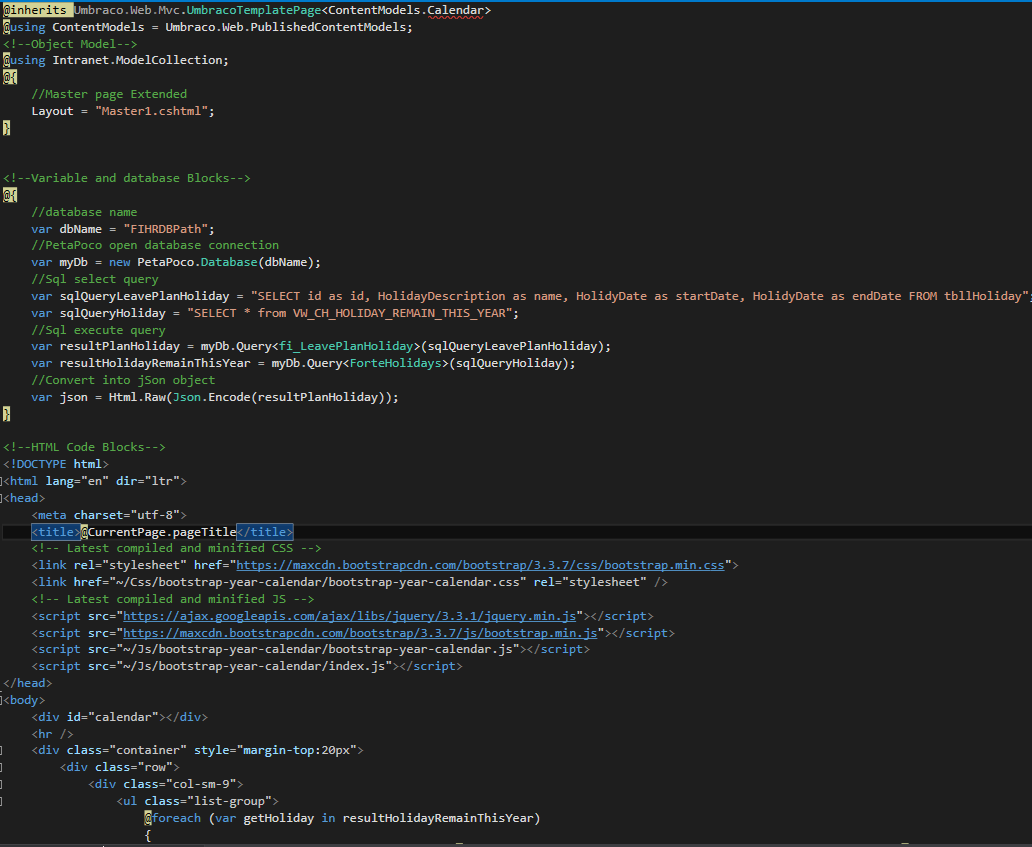
we'll found every pages, created. or by following this directory:

**In solution explorer Intranet -> Views**

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1. **Enjoy**
2. **Pages**
   * 1. **Intranet page structure**

In our Project we will following the page structure as below:

****

* Model or database Obj
* Master page
* Database property And variables opt
* HTML Block (Inside HTML Block will contain multiples HTML structure and **razor**'s code syntax that's used by UMBRACO Content management system
  + 1. **Code specification**
* **All page in Intranet Project will be based on HTML and CSS and followed by RAZOR of ASP.Net**

**Example: <title>@CurrentPage.pageTitle</title>**

* **Inside each page we have comments for each code statement.**
* **We use PETAPOCO for all database query**

**\*NOTE: Some page still under construction. So we need to implement especially;**