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Document:

An Overview of Oracle Hyperion Planning

Description:

This is another document from Hyperion Planning Beginner's Guide Series. The document provides the overview of Oracle Hyperion Planning and the related products.

History:

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Planning, Budgetting and Forecasting fundamentals

Planning Overview : You can understand planning like, it is just forcast of your business. Company do planning for his business when company starts new business or new business year. Company should specify what are their needs? What are the revanue chanal? How many employ you need? For replaying many questions you need to plan your business.

Budgeting :A budget is money approved for list of all planned expenses and revenues. Or "The process of translating approved expenditures into funding allocations for a specified period of time".

Forecast : Forecasting is the process of estimate about events whose actual outcomes have not yet been observed. Forecasting is an estimated values of a future business.

Example - Budget, forecast and actual are shown in below example. This example is to show budget, forcast and actual for a meeting. You can see that meeting held in between 20-Aug-2011 to 25-Aug-2011. You have budget, forecast and actual data in this excel sheet.

INDIVIDUAL MEETING EXPENSE WORKSHEET			
Name	Sample Meeting 1		
Location	The Convention Hotel, Anytown, USA		
Start Date	8/20/2011		
End Date	8/25/2011		
Internal Contact	Jone Smith		
Contact Telephone	333-555-1234		
	August		
Attendance	**Budget**	**Forecast**	**Actual**
Attendees	100	109	99
Room Nights	350	370	348
Accommodation Expenses	**Budget**	**Forecast**	**Actual**
Guest Room Charges	$ 56,000	$ 59,200	$ 55,680
Suite Charges	$ 2,000	$ 1,500	$ 1,500
Misc. Accommodation	$ 500	$ 500	$ 500
Cancellation	$ -	$ -	$ -
Attrition	$ -	$ -	$ -
Subtotal:	**$ 58,500**	**$ 61,200**	**$ 57,680**
Meeting Expenses	**Budget**	**Forecast**	**Actual**
Food & Beverage	$ 21,000	$ 22,890	$ 20,790
Room Rental	$ 500	$ 500	$ 500
AV Equipment	$ 8,000	$ 8,000	$ 9,000
Amenities & Entertainment	$ 5,000	$ 5,000	$ 7,000
Equipment & Room Setup	$ 2,000	$ 2,000	$ 1,700
Misc. Meeting	$ 700	$ 700	$ 400
Subtotal:	**$ 37,200**	**$ 39,090**	**$ 39,390**

You will get budget before event or time period to spend. You can say budget is pre define value. Forecast are predicted values for event. You can predict values before start the event. You will get the actual data after event is finished.

There are two ways of budget allocation.

1. Top to Bottom :- If you allocate consolidated budget for perticular event. You did not specify indevisual budget for subevent. So you have to distrebut consoidate budget for different taskes.

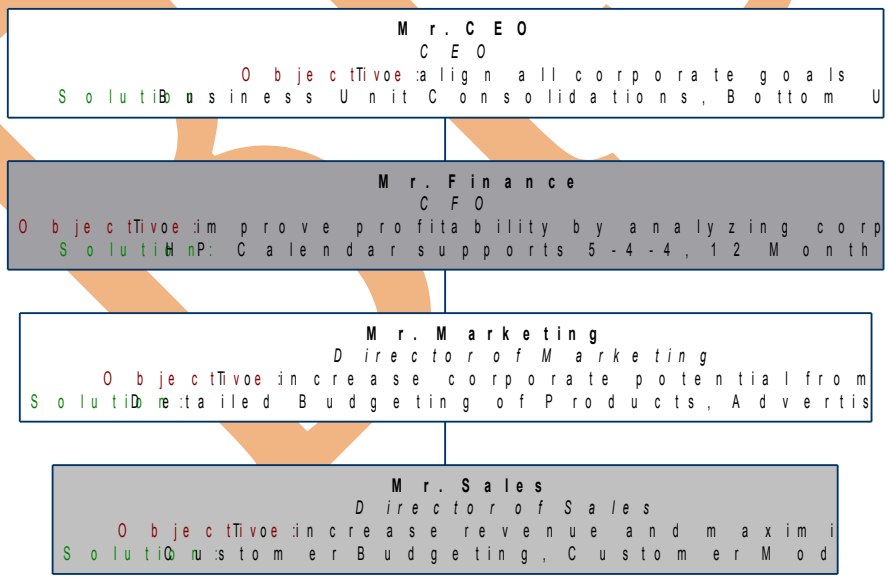
2. Bottom to Top :- In this budget allocation approch you have to define for each and every event or task. You can consolidate budget and find total budget for whole event.

Hyperion Planning

Oracle Hyperion Planning offers an efficient and optimized budget planning process to all levels within an organization. All decision makers and line-level managers can communicate together giving them the ability to make budget plans relevant and useful.

Hyperion Planning is a Web-based, multi-tiered budget and planning solution built on Hyperion Essbase OLAP Server.

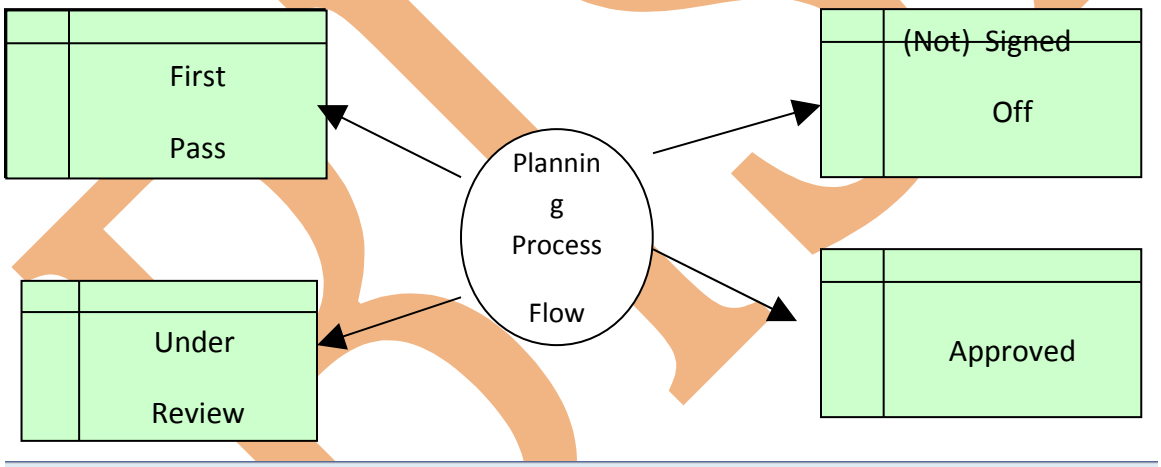
Hyperion Planning is designed to meet with corporate objectives. Different users needs are different, in order to align them Hyperion Planning can have multiple versions. The below digram shows the clear picture.

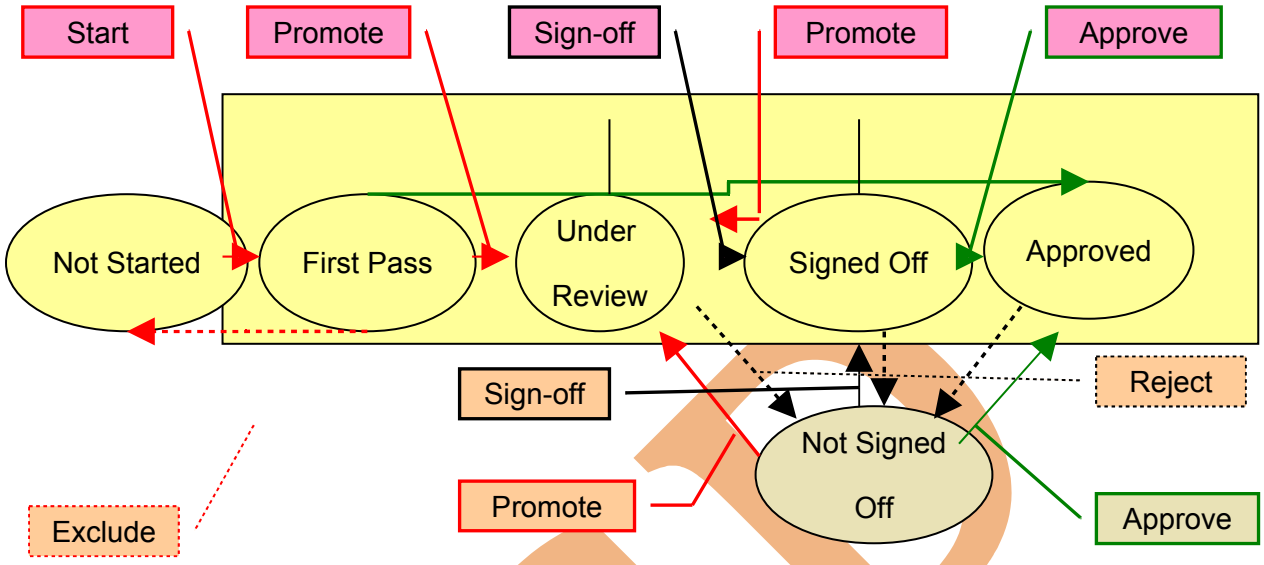


The Hyperion Planning Process lets users track the progress of a budget from any level in the organization using a Web-based client.

Scenario	Budget	Entity	Florida	New York
Matarial Exp				Budget, Revice_Budget

Date	Initial State	Owner	Task Name	Due Date	End State	Comments(Annotation)	Version
10th Aug	Not Started	Ken	Start	10th Aug	First Pass	Plan Started for Matarial Exp for Quarter1	Drawft
10th Aug	Promoted	David	Finish Task and Submit to Lance	17th Aug		David : 1st Cycle of Plan completed	Version_1
17th Aug	Review	Lance	Finish Task and Submit to Joe	21th Aug		Lance: Looks good; Should be promoted to Joe for final review	
21th Aug	Review	Joe	Joe Action : Signoff/Reject/Approve	25th Aug	Rejected	Joe: Need some changes, the expense should not exceed more than 10% of last year actual	
22th Aug	Promoted	David	Capture comments and made correction	28th Aug		David : Made suggested changes and sent to Lance for final review	
23th Aug	Under Review	Lance	Review correction	1th Sep		Lance: Looks good; Should be promoted to Joe for final review	
24th Aug	2nd Level Review	Joe	Sighoff	5th Sep		Joe: Given signoff	
26th Aug	Approved and Signoff	Ken	Close Plan	14th Sep		Plan Closed	Final Version

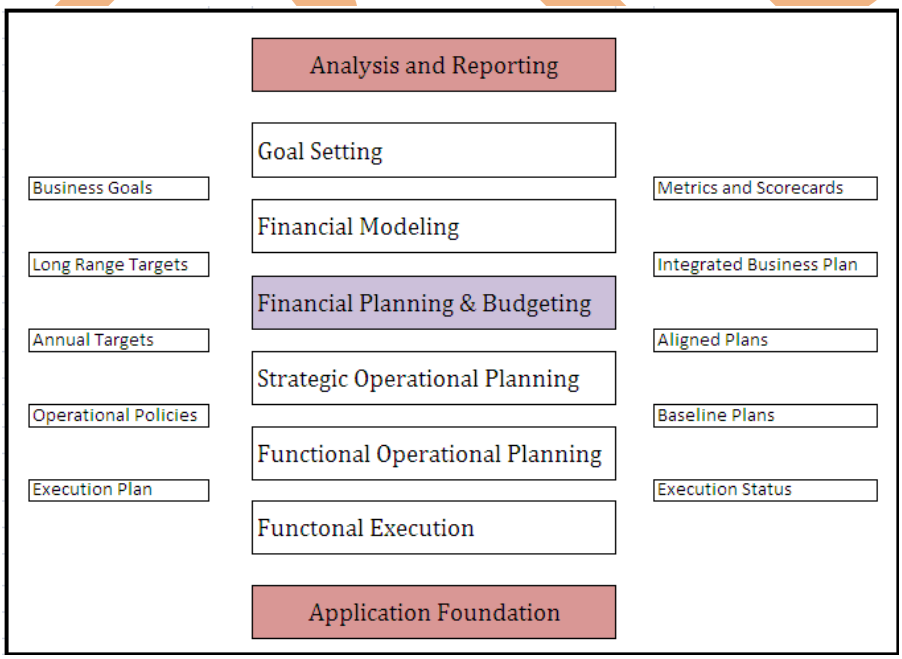




Challenges that Planners Face include

1) High processing time due to lack of strategic guidance and missing link between financial and operational plans
2) Low plan accuracy due to inaccurate data
3) Limited level of detail for the budget
4) High number of Excel sheets that need maintenance
5) Need to expand to: rolling forecasts, operational planning, investment planning, bulk updates, pre-built depreciation calculations, version control

Analysis and Reporting



Hyperion Planning is one, integrated Planning Platform that can address different planning requirements:

1. Revenue planning
2. Full Income Statement planning
3. Balance Sheet / Cash Flow planning
4. Rolling forecasting
5. Capital planning
6. And others

Hyperion Planning is built on the Hyperion Essbase engine. This allows for very powerful analysis and capabilities.

Planning Features

1. You can use planning application in smart view.
2. Using planning application you can Enhances decision-making.
3. You can desgin datamodeling in planning using business rule and allocation.
4. You can integrate plaaning application with other system to load data.
5. You can integrate your planning application with reporting application.

Planning Components

Essbase :- You can use Essbase as data sources for planning application. You can map Essbase database for reporting and analysis.

Adiministration Services:- Through administrative services planning application can perform following tasks designing, development, maintain and manage Essbase application and databases.

Performance Management Architect:- This components are used for managing dimensions of database.

Workspace:- This is a centralize place for performinb any activity. You can access all oracle hyperion an non-oracle hyperion components from workspace. Workspace is web user interface for all hyperion components.

Calculation Manager:- This planning component is graphical user interface to crreate calculation script.

Smart View:- You can connect planning application with smart view and work offline. You can create reports on planning applications.

Financial Reporting :- You can connect financial reporting studio with planning application and create financial reports on planning application.

Shared Services:- You can use shared services to connect your planning application with other hyperion products with life cycle Management.

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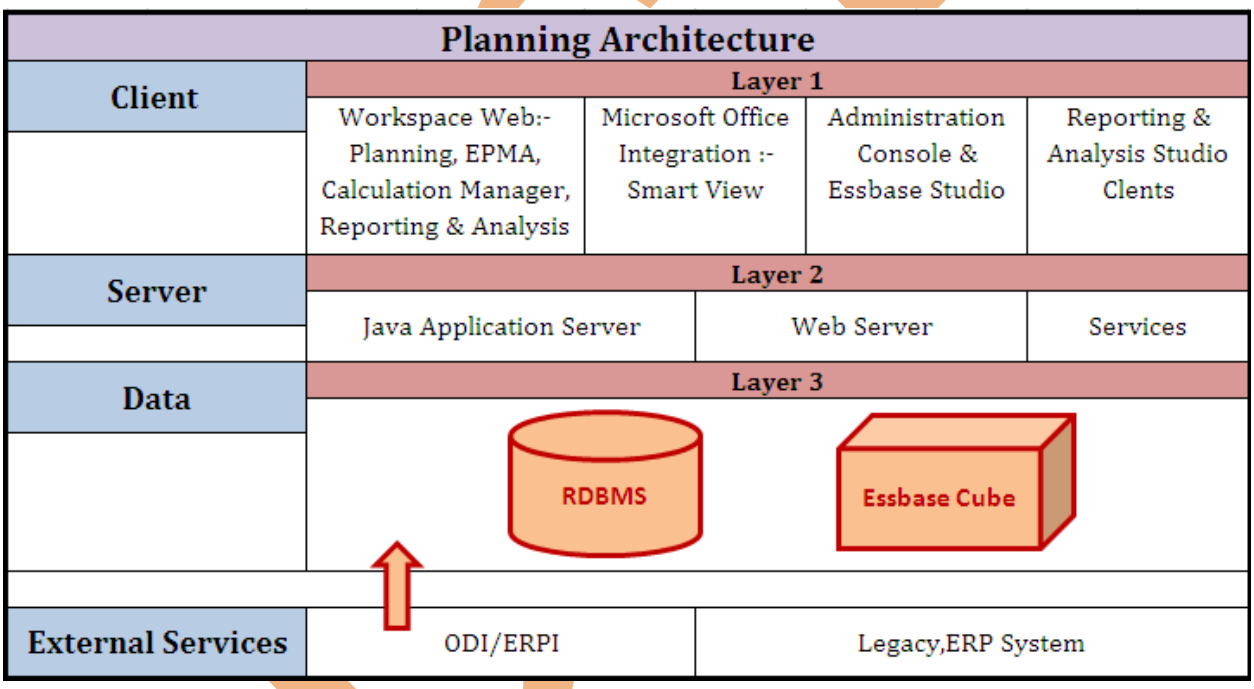
Related Planning Components

1. Workforce Planning
2. Capital Asset Planning
3. Public Sector Planning and Budgeting
4. Profitability and cost Management
5. Performance Scorecard
6. Strategic Finance
7. Financial Management
8. Financial Data Quality Management

Planning Architecture Planning architecture is mainlly divided in to three tiers. Each tier is responsible for own work. Planning architecture has client tier, server tier and data tier.

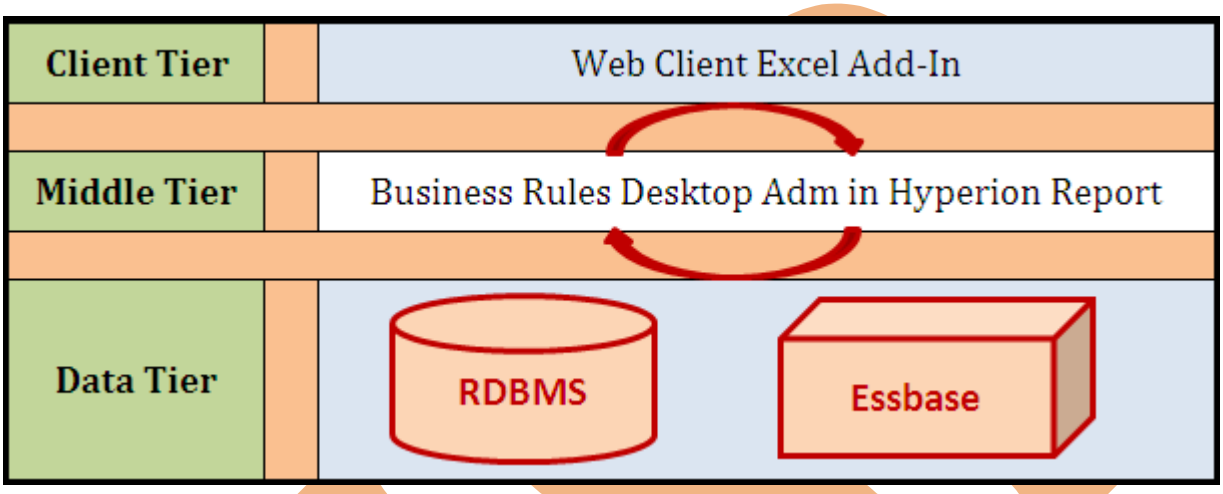


Client Tier Client tier is desgin for user interface. You can intract with your planning application using hyperion components like Workspace, Smart View, web analysis studio, financial reporting studo and Essbase admin console. You can perform administrative task using workspace.

Server Tier: Server tier works in between client tier and data tier. Server tier contains java application and web server like shared servers, calculation manager, admin services, workspace,planning, web analysis, financial reporting.

Data Tier: Data tier is responsible for backend database. You can have RDBMs or Essbase database for planning application.

External Services: Planning architecture also supports External services for performing additional jobs. To load metadata and data you can use Oracle Data Integrator Adapter for Planning. You can use Financial data quality management ERP integration adaptor for FUSION Edition or classic application.

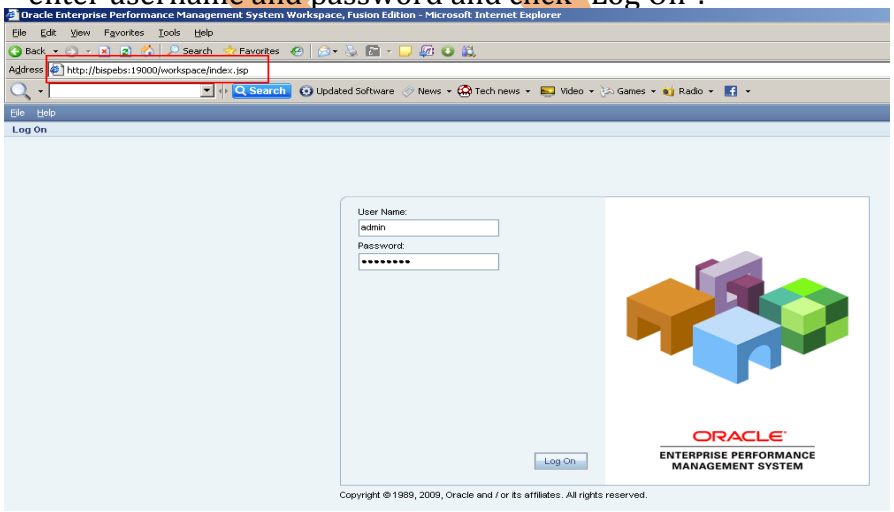


Hyperion Workspace overview :

Benefits of Workspace

1. Centralize console for all application.
2. You can create new applications, users.
3. You can manage all user administration and deploying application.
4. You will get a centralized repository of all hyperion products.

Launching Workspace: Workspace is centralized location to perform administrative taskes. You can envoke workspace by http://<servername>:19000/workspace/index.jsp enter username and password and click "Log On".

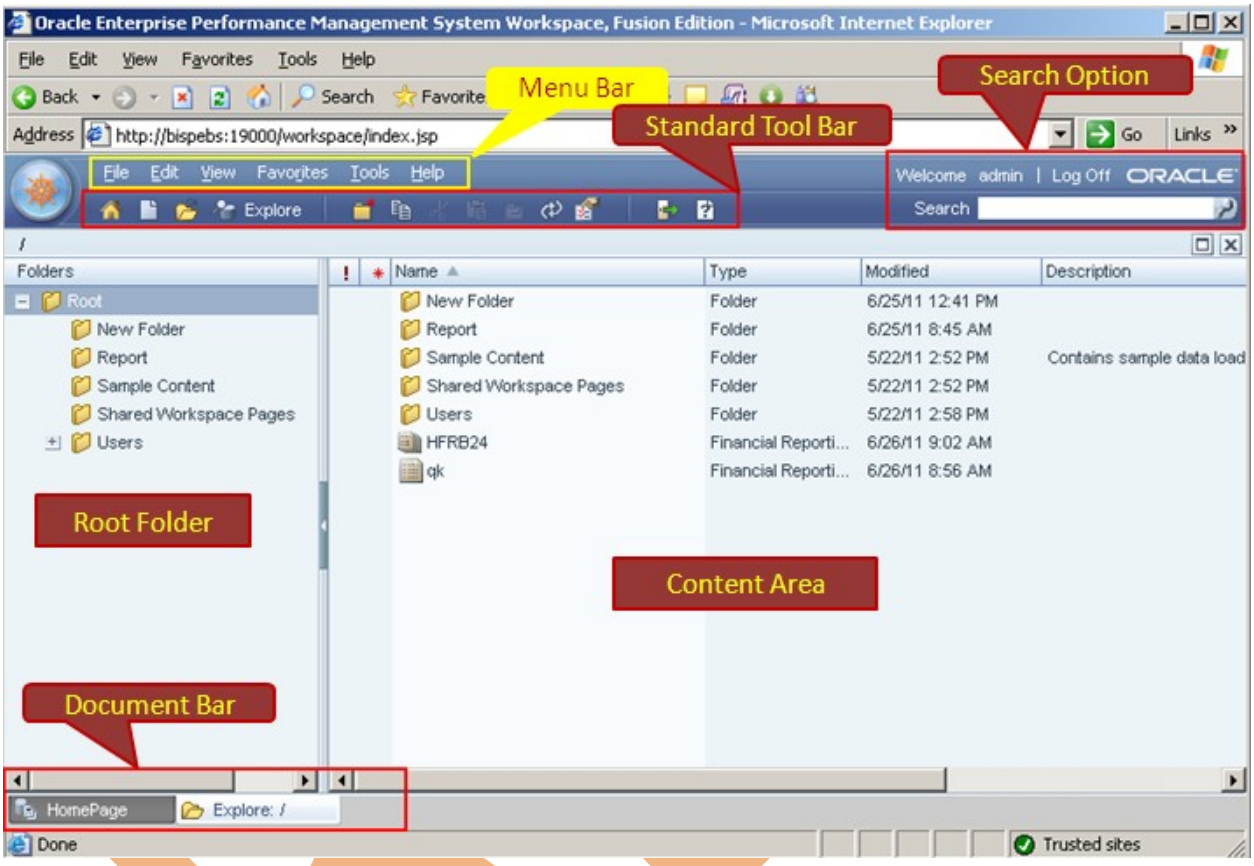


Workspace User Interface: This is workspace for user interface.

Menu bar - User can perform many jobs throug menu bar,he can use help also.

Standerd Toolbar – For performing sort operation.

Search Option – User can search any file which is stored in hyperion directory.

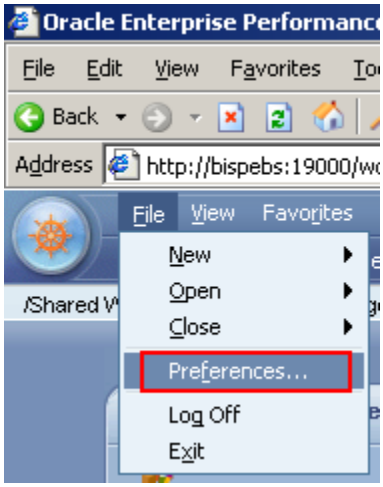


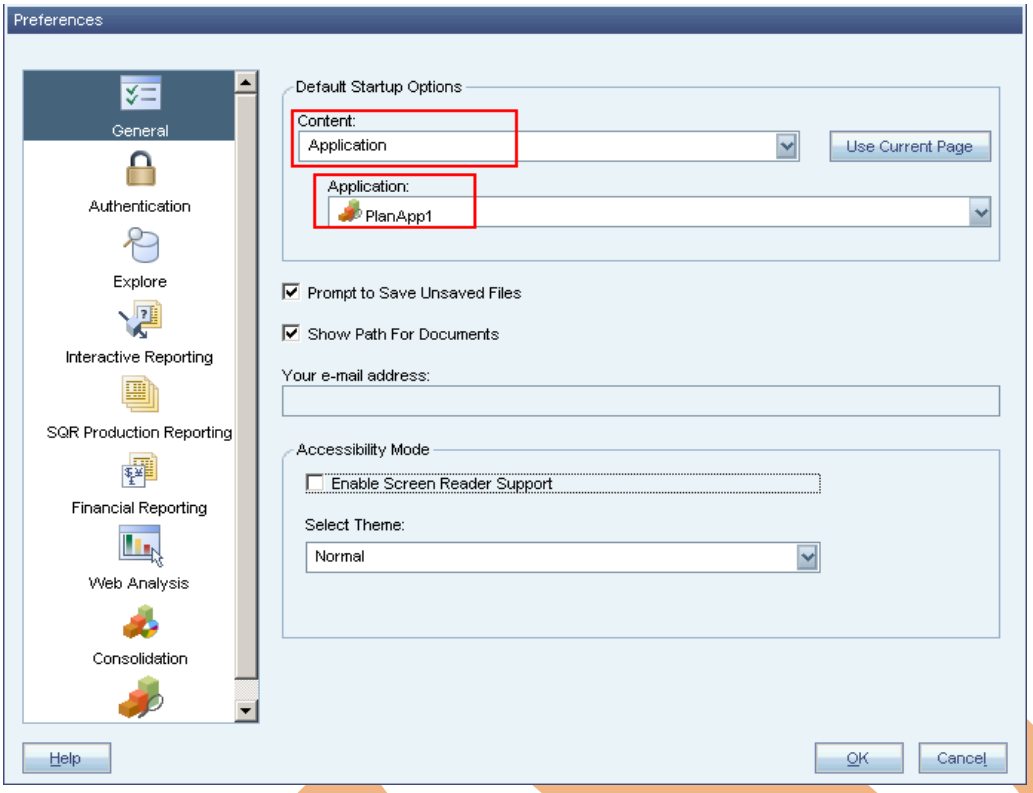
Setting General Preferences

You can set preference through workspace.

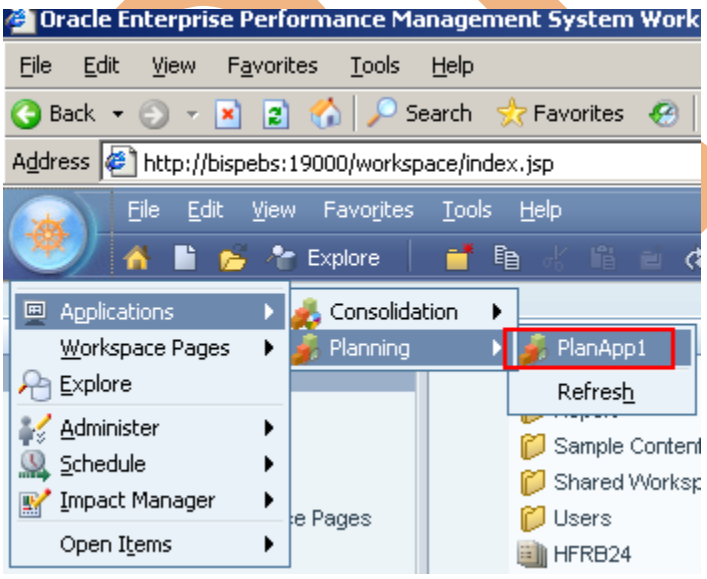
File → Preferences

These are general prefrence settings. You can set workspace prefrence as per your requerment. Once you set prefrence, every time you enter in to work space you will get same prefrence.

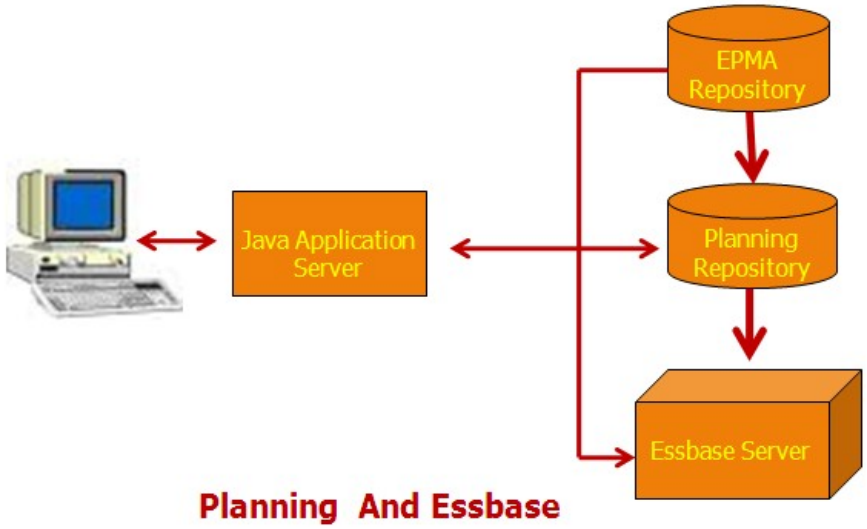
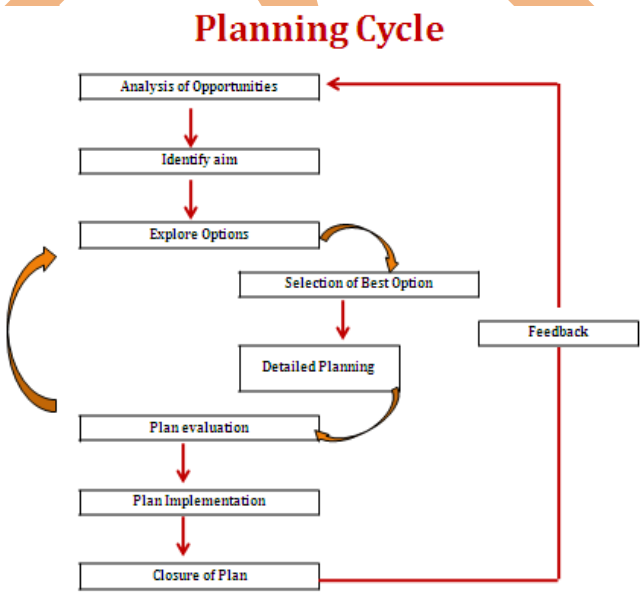




Opening Planning Application : Workspace is a comman place for administration of all applications. You can open planning application through work space.



Planning and Essbase integration: This is planning Essbase architecture, what ever changes you do in your planning application, it will directly reflect to Essbase planning database.



Planning Process Cycle : Planning cycle is an etrative prosess. This is the functional flow of planning cycle. It start from analysis of opportunities, you need to specify the gole of planning. There are may be many ways to build plan for the same gole. You need to select best option out of them, then detail your plan and send for evaluation. If you plane need to review it forward back to plan again else if it is accepted this plan will go for implementation.