

# WEBDYNPRO ABAP @ GENSOFT Technologies

## Office Address:

Plot No 28, Ground Floor, SAP Street,  
Behind HUDA Mythrivanam Lane, Ameerpet, Hyderabad,  
Telangana, INDIA

**Mobile:** 9246-550-660 / 984-896-7544

**E-mail:** info@gensofthyderabad.com,  
gensoftsaptechnologies@gmail.com

**Website:** www.gensofthyderabad.com

Powered By:  
Mr. Sridhar Sunkari  
(18+ yrs Exp.)  
On-line & Class-Room Trainings

- INDEPTH
- UNCOMPARABLE
- SUBJECT GUARANTEED

- Leader in SAP Technical Modules Training
- Trained 1000's of students both in On-line and Class-room and also conducted **Corporate Trainings** for the IT COMPANIES which includes TCS, WIPRO, CMC, VERIZON, GENPACT, SIERRA ATLANTIC, VOLKSWAGON, INDIAN RAILWAYS and many more...
- Program Delivered by **Real-Time consultant - SRIDHAR SUNKARI** having over 18+ yrs of experience in different technologies
- Real-time Scenarios with In-depth and Advanced Topics covered
- Numero Uno in **CORE ABAP, OBJECT ORIENTED ABAP, CROSS APPLICATIONS, ABAP HANA, WEBDYNPRO, SAP UI5 Front-end and Back-end Training**
- Detailed Class-Room Notes will be provided, need not depend on any other material
- As an additional service, Daily e-mails will be sent containing day-day class-room session material
- Most of our old students are working in **TOP IT COMPANIES**; we welcome you to interact with our old or existing students before registration
- To attend online 2<sup>nd</sup> time for the same module, students need to register again

# WEBDYNPRO ABAP

## WEBDYNPRO INTRODUCTION

- Introduction to Web Technologies
- Differences between ABAP Webdynpro and JAVA Webdynpro
- Differences between BSP and WEBDYNPRO
- MVC Architecture
- Creating Simple WD Application
- Components of WD Application URL
- Creating T-code for WD Application

## WEBDYNPRO COMPONENT

- Controllers
- Views
- Windows
- Types of Controllers and its usage

## WEBDYNPRO APPLICATION DEVELOPMENT

- Introduction to UI elements
- Creating Component Context
- Creating View Context
- Designing View Layouts based on Context
- Context Binding
- Plugging Views to Window
- Defining Actions
- Implementing Event Handler Methods
- Reading and Setting Attributes
- Reading and Binding Context Nodes
- Cardinality and Lead Selection
- Internal Context Mapping

## DYNAMIC PROGRAMMING

- Dynamically creating Nodes and attributes
- Dynamically creating UI elements
- Enabling or disabling UI elements
- UI elements visible / invisible

## UI ELEMENTS

- Caption
- Input Fields
- Text Views
- Buttons
- Image
- Table
- Group
- Transparent Container
- Tab strip
- View Container
- List Box
- Drop Down
- Tree and other frequently used UI elements

## PLUGS IN WD APPLICATION

- Inbound and Outbound Plugs
- Window Level Plugs
- View Level Plugs
- Plugs with parameters
- Triggering Plugs
- Navigation Link
- Navigation between views
- Data Transfer between Views

## LAYOUT

- Flow Layout
- Grid Layout
- Matrix Layout
- Row Layout

## F4 HELP

- Automatic and Dictionary Search help
- OVS
- Freely Programmed Search Help

## UI ELEMENT PROGRAMMING

- Retrieving Data from Database
- Binding Internal table with TABLE UI element
- Navigation methods in TABLE
- Identifying Selected Row in TABLE
- Enabling Multiple Selection in TABLE
- DROPDOWN BY INDEX and KEY
- Setting Default Selection
- Identifying Selected Value in DROPDOWN
- Designing TABSTRIPS
- Binding Structure with Container Form
- Designing List box
- Identifying Selected Values in LISTBOX
- GROUPING UI Elements
- Example demonstrating CODE Wizard
- Limitations of CODE Wizard
- Navigating to external URL
- Appending Fields to URL
- Reading the field from URL
- Navigation between WD Applications
- Component reusability
- Assistance class in Webdynpro
- Internationalization of text elements
- Reading the text symbols from assistance class
- ROADMAP UI element
- Enabling Direct selection of step to display view the appropriate view
- Designing tree UI element

## FLOOR PLAN MANAGER (FPM)

- Introduction and usage of fpm
- Types of Floor plans
- Working with FPM EDITOR
- Implementing OIF, GAF, OVP
- Managing FPM toolbar
- EVENT Handling in FPM
- Data Sharing in FPM WD Components
- Message Handling in FPM
- Dialog boxes and Quick Help in FPM

## ALV REPORTS

- Integrating ALV with webdynpro
- Editing ALV cell values dynamically
- Reporting success or error messages in ALV
- ALV columns as Hyperlink
- ALV column as Buttons
- ALV Row Coloring
- ALV Column Coloring
- TOP of list and END of list in ALV
- Adding custom buttons in ALV toolbar
- Handling ALV events

## MESSAGE MANAGER

- Message Management in Webdynpro

## CONTROLLER METHODS

- Normal Methods
- Event Handler Methods
- Supply Functions

## SERVICE CALL IMPLEMENTATION

## SELECT-OPTION IMPLEMENTATION

## POPUP WINDOWS

- Popup Messages
- Data Sharing b/w views and popup windows

## FLOOR PLAN MANAGER Continued

## FEEDER CLASSES

- FORM UIBB
- Actions in Feeder Classes
- LIST UIBB
- TABBED UIBB