

Web Based Address Verification

Web Site Address: <http://addressweb.ptcmysore.gov.in/>

Training web site Address: <http://training.addressweb.ptcmysore.gov.in/>

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1. Introduction

Verification of address is an important business area for India Post. For example there is a requirement of verification of subscriber addresses for telecom companies. The need was felt for a web based application for address verification which could accept address database from the customer. Physical verification is done by post offices through postmen. Necessary corrections are made in the database on the basis of the verification and the verified details sent back to the customer.

AddressWeb, a software developed by the PTC Mysore, is intended for the corporate customers like telecom companies, who need to validate their customers' addresses. The software is presently being used by Tamil Nadu and Karnataka circles. It is proposed to use this software in other Circles also.

2. Objective

The objective of the AddressWeb application is to provide a facility of validating address particulars of any Indian citizen. The address particulars can be uploaded to the module by any third party, who is authorized by the Department of Posts.

3. Product Perspective

AddressWeb is a **Web Based Address Validation Module** which will provide the feature of validating address details of any Indian citizen. Any corporate customer, who is authorized by the Department of Posts, can upload the address particulars for validation. Once the address particulars are validated by the Post Office, the same can be delivered

back to the customer. An address database will be maintained by the module for future reference.

4. Product Features:

Access Levels

- Administrator
Circle, Region and Divisional levels.
- Supervisor
Post office level
- Operator
Post office level

Powers

- **Circle Administrator**
 1. Adding Circle administrators and Regional administrators
 2. Editing added Users
 3. Adding New Customers like BSNL, Hutch etc...
 4. Editing added Customers
 5. Configuring Additional Questions.
 6. Uploading address file from his customers
 7. Provision to view the uploaded files and data
 8. Provision to view the verified data of his customer.
 9. Provision to transfer the non-verified addresses to other offices
- **Region Administrator**
 1. Adding Divisional administrators
 2. Editing added Users
 3. Adding New Customers like BSNL, Hutch etc...
 4. Editing added Customers
 5. Configuring Additional Questions.
 6. Uploading address file from his customers
 7. Provision to view the uploaded files and data
 8. Provision to view the verified data of his customer.
 9. Provision to transfer the non-verified addresses to other offices
- **Division Administrator**
 1. Adding Post office Supervisors and Operators
 2. Editing added Users
 3. Assigning Permissions to the added users.
 4. Adding New Customers like BSNL, Hutch etc...
 5. Editing added Customers
 6. Configuring Additional Questions.
 7. Uploading address file from his customers

8. Provision to view the uploaded files and data
9. Provision to view the verified data of his customer.
10. Provision to transfer the non-verified addresses to other offices

- **Post office Supervisor**

1. Address Verification *
2. Address Modification *

** Based on Permissions available*

- **Post office Operator**

1. Provision to view the available address data for his office
2. Provision to assign the beat number to each addresses.
3. Provision to print individual address sheet.
4. Provision to export available address data to MS-Word and MS-Excel format.
5. Evaluating the addresses
6. Address Verification *
7. Address Modification *

** Based on Permissions available*

File upload Structure:

File provided by Customers should be in Excel with following fields in the same order as given below:

	Column Name	Width
1.	Reference id -	50 (numeric data only)
2.	Name -	100
3.	Address -	200
4.	Taluk/Town -	100
5.	City/District -	100
6.	Pin Code -	6(Correct 6 digit pin code)

Operational Steps

- The User Id and Password for the Circle Administrator will be issued by PTC, Mysore.
- The Circle Administrator has to create Regional Administrator
- The Regional Administrator has to create Divisional Administrator
- The Administrators can configure additional questions if required by the customers. (For adding new questions contact PTC Mysore.)
- The Divisional Administrator has to create Post office Supervisors and Operators
- The Divisional Administrator has to apply Permissions to Post office users.
- The Divisional Administrator has supply the Login ID and Password to each post offices. (Try to make email ID as the Login ID for each user).

- The divisional administrator obtains data in excel format from the customer – name, address, taluk/town, district, PIN code. The data is uploaded and is automatically route to the configured post offices.
- Operators verify and modify (if required), the addresses. Log of modifications is kept.
- The PO prints the address sheets.
- The printed sheets are given to postmen for verification.
- Administrator views and exports the verified data back to the customer in excel format.
- MIS reports are available for view.

Address Web Screenshots:

Adding New PO Users

The screenshot shows a web browser window titled "Add New Users - Windows Internet Explorer" with the URL "http://training.addressweb.ptcmysore.gov.in/AddNewPOUsers.aspx". The page header includes "AddressWeb Beta" and "Training". The user is logged in as "User :hublido".

The main content area is titled "Add New Users" and contains the following form fields:

- User type:
- Division:
- Access Level:
- * Office name:
- * Pincode:
- * User name:
- * User login name:
- (Preferably Email-ID)
- * Password:
- * Re enter password:

At the bottom of the form, there are two buttons: "Submit" and "reset". A red asterisk indicates that the fields marked with an asterisk are required.

Assigning permissions to Added

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ser:hublido Change Password Logout

Assign Permissions

User Login: dharwadkcpop

Name	dharwadkcpop
Access level	Operator
Office	dharwadkcpark
Pincode	580008
Created date	25/03/2008

Permission Set

Permission Text	Assigned
Edit Data Entry	<input checked="" type="checkbox"/>
Edit Data Modification	<input checked="" type="checkbox"/>
Edit Data Verification	<input checked="" type="checkbox"/>

Adding new customers

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Add New Customers

*Company Name

*Account Number

*Address

*City

*Pincode

*Login Name
(Preferably Email-ID)

*Password

* Re enter password

*Required fields

Configuring additional questions

The screenshot shows the 'Configure Additional Questions' page in the AddressWeb Beta Training environment. The user is logged in as 'hubido'. The page features a sidebar with navigation options for PO Users, Permissions, Corporate Customers, and Address data. The main content area includes a 'Customer Name' dropdown menu set to 'Sbi'. Below this is a table with columns for 'Select', 'QuestionId', 'Questions', and 'Answers'. The table lists seven questions, with the first four selected. At the bottom of the table are 'Submit' and 'reset' buttons.

Select	QuestionId	Questions	Answers
<input checked="" type="checkbox"/>	1	Number Of Residents	
<input checked="" type="checkbox"/>	2	Date From Which Residing	
<input checked="" type="checkbox"/>	3	Number Of Earning Members In The family	
<input checked="" type="checkbox"/>	4	Ownership Status	Own/Rented/Company Provided
<input type="checkbox"/>	5	Telephone Number	
<input type="checkbox"/>	6	Permanent Address	
<input checked="" type="checkbox"/>	7	Nearest Landmark	

Upload Address files

The screenshot shows the 'Upload Address file' page in the AddressWeb Beta Training environment. The user is logged in as 'hubido'. The page features a sidebar with navigation options for PO Users, Permissions, Corporate Customers, and Address data. The main content area includes a preview of a Microsoft Excel file named 'Sample.xls' with a red watermark that reads 'Sample file All fields are mandatory'. Below the preview is a table with columns for 'Reference No', 'Name', 'Address', 'Town/Tahsil', 'City/District', and 'Pincode'. The table contains two rows of data. Below the table is a dropdown menu for 'Customer' set to 'BSNL HUBLI', a text input field for the file path 'D:\Vinayak\SampleFile_33.xls', and a 'Browse...' button. At the bottom of the form is an 'Upload' button.

Reference No	Name	Address	Town/Tahsil	City/District	Pincode
1					
2					

View uploaded files

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View Uploaded files

Company	File Name	Size(In Bytes)	Uploaded On	Updated On
spice_dwd	spice070608.xls	13824	08/06/2008 20:55:32	
spice_dwd	spice070608.xls	13824	07/06/2008 23:25:45	
sbi	AddressHubl1.xls	16896	08/03/2008 12:38:29	
BSNL HUBLI	testupload.xls	14336	08/03/2008 09:55:04	
BSNL HUBLI	SampleFile33.xls	16896	07/03/2008 16:46:49	
BSNL HUBLI	SampleFile_32.xls	18432	07/03/2008 09:12:46	
BSNL HUBLI	SampleFile_43.xls	16896	06/03/2008 15:36:52	
BSNL HUBLI	SampleFile_33.xls	16896	06/03/2008 11:29:40	

View uploaded address data

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View Uploaded data

BSNL HUBLI

Reference	Name	Address	Town/Taluk	City/District	Pincode	Entered On
4397898	Adithaya	H.No. 15,3rd cross, 9th Block	Rajajinagar	Mysore	570010	07/03/2008
53989845	Alexander	#4, MultiStreet Apartments	Indiranagar	Mysore	570010	07/03/2008
6454545	Arjun	No.4, Rainbow colony,	Rajajinagar	Bangalore	110002	08/03/2008
909	Chandran	#4, Seaview Apartments	Rajajinagar	Bangalore	110002	08/03/2008
4343	Guru	#12, Govt. Qrts,2rd cross, 5th block	Indiranagar	Mysore	570010	07/03/2008
45454	Karun	House No.9, Indira colony,	Indiranagar	Bangalore	110002	08/03/2008
909	Kumar	#4, Govt. Qrts,3rd cross, 8th block	Indiranagar	Bangalore	110002	08/03/2008
39084	Lalith	Lal Bhavan, Gandhi nagar	Rajajinagar	Mysore	570010	07/03/2008
45983	Lekshman	No.44, Rainbow colony,	Rajajinagar	Mysore	570010	07/03/2008
598983	Mahesh	House No.10, Indira colony,	Indiranagar	Dharwad	580001	08/03/2008

1 2 3

Evaluate address data by PO operator

Evaluate Address data

BSNL HUBLI

ReferenceNo	Name	Address	Town/Taluk	City/District	Pincode
Select 111111	Vinayak	IP	Dharwad	Dharwad	580001
Select 333333	malikarjuna swami	programmer ptc	Dharwad	Dharwad	580001
Select 598983	Mahesh	House No.10, Indira colony,	Indiranagar	Dharwad	580001

Entered On: 08/03/2008
Company: BSNL HUBLI

Genuine Address Wrong Address For Modification

Residing in the same address

Select ID Proof Document
 PanCard VoterId DrivingLicence RationCard Passport
 Please Provide Number:

Select Address Proof Document
 UtilityBill VoterId DrivingLicence RationCard Passport
 Please Provide Number:

View verified data

View Verified data

Verified Period
 From: 01/03/2008 To: 10/03/2008
 Select Export Format

BSNL HUBLI

Reference No	Name	Address	Town/Taluk	City/District	Pincode	Entered on	Verified on	Genuine	Resident	ID Pro
111111	Vinayak	IP	Dharwad	Dharwad	580001	06/03/2008	06/03/2008	YES	YES	VOTER
333333	malikarjuna swami	programmer ptc	Dharwad	Dharwad	580001	06/03/2008	06/03/2008	YES	YES	DL
598983	Mahesh	House No.10, Indira colony,	Indiranagar	Dharwad	580001	06/03/2008	06/03/2008	YES	YES	PANCA

View Additional Data

ReferenceNo	QuestionDetails	Answers
111111	Number Of Residents	4
111111	Date From Which Residing	01/01/1999
111111	Ownership Status	own
111111	Telephone Number	2334455

Evaluated address MIS

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Address data Evaluated

From: 01/03/2008 To: 10/03/2008

1 of 1 100% Find | Next

Select a format

			Total
<input type="checkbox"/> BSNL HUBLI	<input type="checkbox"/> 580001	2008-03-06	3
		Total	3
		Total	3
<input type="checkbox"/> sbi	<input type="checkbox"/> 580001	2008-03-08	1
		Total	1
		Total	1
		Total	4

PO Users
Add New Users
Edit Users

Permissions
Assign Permissions

Corporate Customers
New Customer
Additional Questions
Edit Customer
Upload Address file
View Available Offices
View Uploaded files
View Uploaded data
View Verified data

Address data
Redirected data

MIS Reports