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SOFTWARE REQUIREMENT SPECIFICATION

**TaxBreeze**

|  |  |
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| **Prepared for:**  **PricewaterhouseCoopers Private Limited**  Nesco IT Building III, 8th Floor, Nesco IT Park, Nesco Complex,  Gate No. 3 Western Express Highway, Goregaon East Mumbai – 400 063 | **Submission Date:**  **Proposal ID:** |

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Document Approval

This document has been accepted and approved by the following:

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| **Signature** | **Printed Name** | **Title** | **Date** |
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**Table of Content**

[1 Introduction 4](#_Toc529181895)

[1.1 Product Perspective 4](#_Toc529181896)

[2 Functional requirement 5](#_Toc529181897)

[2.1 Company Registration 5](#_Toc529181898)

[2.2 Company Registration Approval 5](#_Toc529181899)

[2.3 Company IP Address Registration 5](#_Toc529181900)

[2.4 Individual Registration 5](#_Toc529181901)

[2.5 Individual Registration Approval 6](#_Toc529181902)

[3 Requirement Specification 7](#_Toc529181903)

[3.1.1 Login 7](#_Toc529181904)

[3.1.2 Logout 7](#_Toc529181905)

[3.1.3 Forgot Password 7](#_Toc529181906)

[3.1.4 Dashboard 8](#_Toc529181907)

[3.1.5 File New Return 8](#_Toc529181908)

[3.1.6 Start Tax Return 9](#_Toc529181909)

[3.1.7 Summary and Review Details 20](#_Toc529181910)

[4 Other Requirements 20](#_Toc529181911)

[4.1 User Interface 20](#_Toc529181912)

[4.2 Hardware Interface 20](#_Toc529181913)

[4.3 Technology for development/Hosting 21](#_Toc529181914)

[5 Non Functional requirement 21](#_Toc529181915)

[5.1 Documentations 21](#_Toc529181916)

[5.2 Security 21](#_Toc529181917)

[5.3 Data Storage 21](#_Toc529181918)

[5.4 Usability 22](#_Toc529181919)

# Introduction

This section gives a scope description and overview of everything included in this SRS document. In addition, the purpose of this document is described. The purpose of this document is to give a detailed description of the requirements for the “TaxBreeze”. The document will illustrate the purpose and complete declaration for the development of the system. This document is primarily intended to be proposed to a customer for approval, and a reference for the development team to develop the first version of the system.

## Product Perspective

. The proposed system should be able to handle both ITR1 and ITR 2 returns as per Income Tax Authority of India. Also, the system should have a set of administrator kind of functionality that will control the functions and content of the web/app. The users should be able to register, submit personal and tax related information, track the status etc. by using the system.

TaxBreeze will aim to provide interactive compliance management system that will automate compliance responsibility of the taxpayer. TaxBreeze is in line with government process of improvising the infrastructure for providing fully online module for electronic return filing with online payment.

# Functional requirement

## Company Registration

Company registration page displays the following:

* Company Name/Business Name, your name, Email id, Phone number, password, service assistance for employees(Yes/No checkbox), and Save(button) option.
* If the Yes checkbox is selected, additional fields GST number and address for billing will appear and it has to be filled
* If the No checkbox is selected, upon employer acceptance individual KYC will be done by Tax breeze
* After registering Company registration process is in Progress message will display.
  + Add a new text field “PwC Contact Person” in Company Registration section.

## Company Registration Approval

Approval page displays the following:

* Company Email id, password, Get (button), Company Name, Approve (button) and Reject (button).
* If it is approved a mail will be send to the company seeking the list of IP addresses which will be used
* Company Registration Approval not needed now.

## Company IP Address Registration

IP Address registration page displays the following:

* Company Name(dropdown), password, company IP, save(button) and send mail(button)
* After clicking the save button only the send mail button can be used
* A mail will be send containing the URL for the site user registration

* Company IP Address Registration not needed now. Replace IP Management with Company domain.

## Individual Registration

* Email, password, confirm password, agree to terms & conditions(checkbox) and sign up(button)
* For companies which have opted yes for employee assistance site user will not get any KYC approval after registration
* For companies which have opted No for employee assistance site user will get message from KYC after registration
* After Signing Up disclaimer page will be displayed with Next button
* Clicking Next button will direct to basic profile page which has to be filled by the site user
* For companies which have opted yes for employer assistance site user will be directed to the dashboard after filling the basic profile(less fields to be filled) and clicking Submit button
* For companies which have opted No for employer assistance site user will be directed to the dashboard after filling the basic profile(more fields to be filled) and clicking Submit button
* When a new user registers in the system, an email should be sent to the Company notifying that a new user registers.

Already registered user should have the option to change his/her Email with a different domain. (The domain should be already registered with TaxBreeze).

## Individual Registration Approval

Approval page displays the following:

* Customer Email id, password, Get(button), Company Name, Approve(button) and reject(button).
* Approved Users can login to Tax breeze
* After Login navigate through the pages for filing the tax returns
* Site users can exit from the application by clicking logout from the menu. After clicking logout, user will be redirected to the Home page.
* Individual Registration approval not needed.

***Home page*** : Upon clicking the last Plan (Platinum Plan) from ***Home page***, show a confirmation to the logged-in user that a notification will be sent to the Admin. Should send a notification to Admin, mail to support and admin. Should log all the clicks on this plan.

### Login

It allows only authorized users to access the application. After entering login details – Tax breeze account name and password, user has to click ‘Sign In’ button.

| **REQUIREMENT ID (RID)** | **DESCRIPTION** | [**PRIORITY LEVELS**](file:///C:\Users\Verbat\Desktop\pmp\requirements\Requirements_Gathering_Guidelines_and_Checklists_2.xls#'Document Conventions'!_Toc136410958)  (P1,P2,P3,P4) | [**EFFORT REQUIRED**](file:///C:\Users\Verbat\Desktop\pmp\requirements\Requirements_Gathering_Guidelines_and_Checklists_2.xls#'Document Conventions'!_Toc136410958)  (H,M,L) |
| --- | --- | --- | --- |
| 3.1.1 | * Account Name * Password * Sign In Button | P1 | H |

### Logout

It allows only authorized users to logout from the application. After clicking “logout”, user will be redirected to the login page.

| **REQUIREMENT ID (RID)** | **DESCRIPTION** | [**PRIORITY LEVELS**](file:///C:\Users\Verbat\Desktop\pmp\requirements\Requirements_Gathering_Guidelines_and_Checklists_2.xls#'Document Conventions'!_Toc136410958)  (P1,P2,p3,P4) | [**EFFORT REQUIRED**](file:///C:\Users\Verbat\Desktop\pmp\requirements\Requirements_Gathering_Guidelines_and_Checklists_2.xls#'Document Conventions'!_Toc136410958)  (H,M,L) |
| --- | --- | --- | --- |
| 3.1.2 | * Logout Button | P1 | L |

### Forgot Password

When the user clicks the forgot password option, link will be sent to their registered Email ID and using that link user can enter a new password and login

### Dashboard

Dashboard displays the overall details and status of the taxes paid/ to be paid and helps to file new return

|  |  |  |  |
| --- | --- | --- | --- |
| **REQUIREMENT**  **ID (RID)** | **DESCRIPTION** | **PRIORITY**  **LEVELS**  (P1,P2,P3,P4) | **EFFORT**  **REQUIRED** (H,M,L) |
| 3.1.4 | * **Dashboard** * Assessment year * Tax summary * Uploaded documents * Status * Package * Notifications * Downloads * Yearly Summary * Select Year(dropdown) * Apply(button) * File New Return(button) | **P1** | **M** |

* Requires a “Revise Return” Button. Upon clicking the button, Customer Status should change to “In Progress”. The Payment amount while submitting the return should be the sum of Revise Return fee and differential amount (based on plan change).
* Display Credit Amount (if any) in the dashboard.
* Requires two tabs in “Tax summary” Section named “Original” and “Revised Return”. “Revised Return” Tab should be the default.

### File New Return

On clicking File new Return user has to select the assessment year and start tax return by selecting the plan he prefers for payment and select the mode of details to be filled (manually or to upload XML file which is prefilled) . Once the plan selected will be the same throughout the tax payment.

Group the XML prefilled fields as a separate section.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **REQUIREMENT**  **ID (RID)** |  | **DESCRIPTION** | **PRIORITY**  **LEVELS**  (P1,P2,P3,P4) | **EFFORT**  **REQUIRED** (H,M,L) |
| 3.1.5 |  | * File New Return * Select year(dropdown) * Start Tax Return(button) |  |  |

* Should be able to select the currency in all the Amount fields.

### Start Tax Return

The different sections has mandatory fields which has to be filled, using the previous and next buttons user can navigate through different sections or using the skip button user can skip a section.

| **REQUIREMENT ID (RID)** | **DESCRIPTION** | [**PRIORITY LEVELS**](file:///C:\Users\Verbat\Desktop\pmp\requirements\Requirements_Gathering_Guidelines_and_Checklists_2.xls#'Document Conventions'!_Toc136410958)  (P1,P2,P3,P4) | [**EFFORT REQUIRED**](file:///C:\Users\Verbat\Desktop\pmp\requirements\Requirements_Gathering_Guidelines_and_Checklists_2.xls#'Document Conventions'!_Toc136410958)  (H,M,L) |
| --- | --- | --- | --- |
| 3.1.6 | * Fill up data online * Proceed(button)   + Personal Details   + Income sources   + Deductions   + Taxes Paid | P1 |  |
| 3.1.6.1 | * Personal Details * Personal Information * Address * Residency details * Bank details * Assets & Liabilities |  |  |
| 3.1.6.1.1 | * Personal Information   + First Name   + Middle Name   + Last Name   + Father’s Name   + Email ID   + Mobile No   + Secondary Mobile No   + Landline No   + Date Of Birth   + Pan Card Number   + Aadhar Card Number   + Enrollment ID   + Passport Number   + Next(button) |  |  |
| 3.1.6.1.2 | * Address   + Flat/Door/Block No   + Premises/Building/Village   + Road/Street/Post Office   + Area/Locality   + Pin code   + Town/City/District   + State   + Country   + Next, Previous(button) |  |  |
| 3.1.6.1.3 | * Residency Details   + Question(yes/no)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.1.4 | * Bank Details   + Primary Bank Account(button)   + All other Bank Accounts(button) |  |  |
| 3.1.6.1.4.1 | * Primary Bank Account   + Account Number   + Account Type(dropdown)   + IFSC Code   + Name of Bank   + Previous(button)   + Next(button) |  |  |
| 3.1.6.1.4.2 | * All other Bank Accounts   + Account Number   + Account Type(dropdown)   + IFSC Code   + Name of Bank   + Add Bank(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.1.5 | * Assets & Liabilities   + Immovable Assets   + Movable Assets   + Foreign Assets |  |  |
| 3.1.6.1.5.1 | * Immovable Assets   + Question(yes/no)   + Description   + Flat/Door No   + Name of Premise   + Road/Street   + Area/Locality   + Country   + State   + Pin code   + Cost of purchase of property   + Liability in relation to Immovable assets   + Add Asset(button)   + Previous(button)   + Next(button) |  |  |
| 3.1.6.1.5.2 | * Movable Assets   + Description   + Financial asset   + Liability in relation to movable assets   + Previous(button)   + Next(button) |  |  |
| 3.1.6.1.5.3 | * Foreign Assets   + Choose File(button)   + Enter the document password   + Upload(button)   + Previous(button)   + Next(button) * Foreign Assets should be a separate tab with an Upload Section and other sections. The Sections and their corresponding fields need to be provided by PwC. |  |  |
| 3.1.6.2 | * Income Sources   + Salary   + Other Income   + House Property   + Capital Gain |  |  |
| 3.1.6.2.1 | * Salary   + Upload   + Income from Salary |  |  |
| 3.1.6.2.1.1 | * Upload   + Choose File(button)   + Enter the document password   + Upload(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.1.2 | * Income from Salary   + Name of the Employer   + Employer type/category   + Salary   + Allowances exempt under section 10   + Add Income(button)   + Previous(button)   + Skip(button)   + Next(button) * PWC needs to mention the fields which are prefilled from the XML and also the fields that must be filled by the User. |  |  |
| 3.1.6.2.2 | * Other Income   + Upload   + Interest Income   + Exempt Income   + Agriculture Income   + Dependent Income   + PF withdrawal Income & Tax rate |  |  |
| 3.1.6.2.2.1 | * Upload   + Choose File(button)   + Enter the document password   + Upload(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.2.2 | * Interest Income   + From Savings Bank & Post Office deposits   + From Fixed deposits   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.2.3 | * Other Income   + Any other Income   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.2.4 | * Exempt Income   + Dividend earned   + Exempt Interest Income   + Other Miscellaneous Exempt Income   + Nature of exempt Income   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.2.5 | * Agriculture Income   + Gross Agricultural Income Receipt   + Expenditure on agriculture   + Unabsorbed Agriculture loss   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.2.6 | * Dependent Income   + Amount   + Name of person   + Relationship   + Nature of Income   + Add Income(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.2.7 | * PF Withdrawal Income & Tax Rate   + PF Amount   + Tax Rate   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.3 | * House Property   + Upload   + Property Address   + Income from Rental Property   + Interest Paid on Housing Loan   + Property ownership   + Unrealized Rent |  |  |
| 3.1.6.2.3.1 | * Upload   + Choose File(button)   + Enter the document password   + Upload(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.3.2 | * Property Address   + Same as in personal details(checkbox)   + Flat/Door/Block No   + Road/Street   + Area/Locality   + Town/City   + Pin code   + Country   + State   + Property Type   + Add Property(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.3.3 | * Income from Rental Property   + Choose Property(dropdown)   + Annual Rent received by you   + House Tax paid by you   + Name of Tenant   + PAN of Tenant   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.3.4 | * Interest Paid on Housing Loan   + Choose Property(dropdown)   + Interest Paid on Loan for Property   + Date of Property Acquisition/Construction   + Date of loan   + Choose File(button)   + Enter the document password   + Upload(button)   + Add interest paid(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.3.5 | * Property Ownership   + Choose Property(dropdown)   + Your Ownership share of the property   + Name   + PAN no   + % Share   + Add(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.3.6 | * Unrealized Rent   + Choose Property(dropdown)   + Unrealized Rent amount   + Add Unrealized Rent(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.2.4 | * Capital Gain   + Sale of Shares/Debentures(choose file, upload button)   + Sale of land/building(choose file, upload button)   + Sale of any other asset(choose file, upload button)   + Sale of Mutual Funds(choose file, upload button) |  |  |
| 3.1.6.3 | * Deductions   + Section 80   + More Deductions * Shrink all the sections in “Deductions” Tab (except Section 80G) in a Dropdown/Combo box with Search option using Keywords. Order of the sections in the Dropdown/Combo box and Search Keywords need to be provided by PwC. |  |  |
| 3.1.6.3.1 | * Section 80   + Upload   + Section 80C   + Section 80D   + Section 80TTA   + Section 80G |  |  |
| 3.1.6.3.1.1 | * Upload   + Choose File(button)   + Enter the document password   + Upload(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.1.2 | * Section 80C   + Investment Category(dropdown)   + Investment Amount   + Add investment(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.1.3 | * Section 80D   + Deductions for medical insurance   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.1.4 | * Section 80TTA   + Deductions for Interest earned on savings bank account   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.1.5 | * Section 80G   + Donee details   + Address of donee   + Add done(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2 | * More deductions   + Section 80CCG   + Section 80E   + Section 80CCC   + Section 80CCD (1), (1B) and (2)   + Section 80GG   + Section 80DDB   + Section 80EE   + Section 80QQB   + Section 80RRB   + Section 80GGA   + Section 80GGC   + Section 80U   + Section 80DD |  |  |
| 3.1.6.3.2.1 | * Section 80CCG   + Rajiv Gandhi Equity Saving Scheme   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.2 | * Section 80E   + Education Loan on higher studies   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.3 | * Section 80CCC   + Contribution to Pension Plan/Annuity Fund   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.4 | * Section 80CCD (1), (1B) and (2)   + Employee Contribution to New Pension Scheme(NPS)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.5 | * Section 80GG   + Deduction for House Rent. Self-employed or salary with no HRA   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.6 | * Section 80DDB   + Deduction for specified diseases and ailments   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.7 | * Section 80EE   + Interest on Home Loan   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.8 | * Section 80QQB   + Royalty received on books   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.9 | * Section 80RRB   + Income on Patents/Inventions   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.10 | * Section 80GGA   + Contribution to research or rural development   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.11 | * Section 80GGC   + Contribution to political party   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.12 | * Section 80U   + Deduction for individuals or persons with disability   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.3.2.13 | * Section 80DD   + Deduction for individuals or persons having disabled dependents   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.4 | * Taxes Paid   + Upload 26AS   + Challan details |  |  |
| 3.1.6.4.1 | * Upload 26AS   + Choose File(button)   + Enter the document password   + Upload(button)   + Previous(button)   + Skip(button)   + Next(button) |  |  |
| 3.1.6.4.2 | * Challan Details   + BSR code   + Date of Payment   + Challan Sr. No   + Tax Paid   + Add Challan(button)   + Previous(button)   + Summary & Review(button) |  |  |

### Summary and Review Details

This page displays the details filled in green (tick) mark and the details not filled will be displaced in Red (cross) mark and the service details with the amount. It also has the back and proceed to payment buttons. Clicking proceed to payment will lead to Bill Desk.

* Display all the main sections. Clicking on each section should show the subsections under it. Click on the subsection should redirect the user to the corresponding data gathering wizard.
* Provide a checkbox “Are you a FEMA Resident?” Capture the data and send it along with JSON
* Display the change in Plan (based on the data entered by the user) in the “Service Details” section.

# Other Requirements

This section contains all of the functional and quality requirements of the system. It gives a detailed description of the system and all its features.

## User Interface

*Browser Compatibility*

The Admin and Assessment Manager module of the application developed will be compatible with the browsers listed below:

1. Firefox 55+
2. Chrome 55+
3. Internet Explorer 11

The Inspector interface will be responsive and Verbat will be testing the Inspector module in devices below,

1. iPad Mini 2 (2048 x 1536)

Browser - Chrome, Safari

1. Samsung Galaxy Tab Active

Model Number - SM-T365

Browser - Chrome

## Hardware Interface

Since the application is web-based, it is not dependent on any designated hardware, and it does not have any direct hardware interfaces. However, we recommend the specification mentioned below for the best output.

* Computer with Microsoft Windows XP Professional SP3/Vista SP1/Windows 7 or 8 OS
* Processor: 2.6 GHZ Intel Pentium IV or equivalent
* Memory: 2GB
* Disk Space: 1 GB of free disk space

## Technology for development/Hosting

The application shall be developed using the set of tools/technology listed below.

* **UI/UX Designs**
  + Wire Frames – Gliffy (Tool by Google)/Pencil
  + UI Designs – Photoshop CS6
  + Simulation – Sublime Text 3
* **Development**
  + VISUAL STUDIO 2015
  + ASP.NET 4.5
  + Database Engine – MS SQL SERVER 2012
  + IIS 8

# Non Functional requirement

## Documentations

|  |  |
| --- | --- |
| **ITEM** | **RESPONSE/COMMENT** |
| Project documentation requirements | * Requirements document |

## Security

Hardware and network security will be dependent on the selected cloud/hosting service provider’s infrastructure and credentials.

* The system shall use secure sockets in all transactions that include any confidential customer information.
* The system shall confirm all transactions with the customer’s web browser.

## Data Storage

* The user interfaces shall never display a customer’s password. It shall always be echoed with special characters representing typed characters.
* The system’s back-end servers shall only be accessible to authenticated administrators.

|  |  |
| --- | --- |
| **ITEM** | **REQUIREMENT** |
| Handling Sensitive Data | Insensitive data such as vendor name, documents processed, relevant dates, noncompliance data could be stored in the database as plain text.  Passwords will be encrypted. |
| Security Threats  Prevention | Passwords will be encrypted. Protection against SQL injection will be implemented.  Protection against cross-browser hacks and cross-site scripting (XSS) will be implemented. |
| Access Control | Access control for the application will be through the AD. Individual users will be authenticated with passwords and authorized to access different parts of the site depending on assigned roles. |
| HTTPS | Application will support both HTTP and HTTPS. |

## Usability

|  |  |
| --- | --- |
| **ITEM** | **REQUIREMENT** |
| Documentation | User manuals and other relevant documents will be provided. |
| Time Zones | The prototype application will have UAE Standard Time as its time zone. Time zones cannot be configured in the current version of the application. Wherever applicable, system date and time will be used to represent logical/business/calendar dates. |
| User Interface | The application will be responsive and will be available for mobile devices as well as on a desktop web browser |
| Transactions | Transactions will be ACID (Atomic, Consistent, Isolated and Durable) where required. |

We look forward to hearing from you soon and hope that you will give us the privilege to work with you in meeting your business goals. Thank you.

Thank You



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