

SpApp Features

SpApp (pronounced as *es-p-app*) is an Enterprise AppMaker for Business Applications. It expands to Specify (Your Business) Application and it is a modern software product.

SpApp Creates and Manages Business systems without programming and databases.

Kwik products are Business Software Commodity products built on SpApp. These are made available at large BookStores and Resellers.

Sysnet [Sysnet Associates (India) Pvt Ltd] owns the patent and copyrights of SpApp and Kwik products.

Let us look at some features.

I **GENERAL**

SI No	Feature	SpApp Description	Kwik Product Issues
01	Product	SpApp is a Ready-to-use software tool, to build Business Applications.	A Kwik product is a Ready-to-use, Professional Version of a Business Task - as a Shrink wrapped product.
02	Licensing	Available as Professional and Enterprise Versions.	Professional Version is being sold. Upgrades to legal Professional CDs are done thru' KwikUpgrade CDs.
03	Availability	SpApp is available from the Company.	Kwik product is available off-the-Shelf as a Shrink-wrapped product, from BookStores and Resellers.
04	Pricing	SpApp is priced as an Enterprise Tool, for Large Applications deployment.	Kwik products are priced like a Commodity, beginning from Rs 990.
05	Capability	SpApp manages Business Applications from End-to-End. Creation, Usage, Administration and Maintenance are done, without programming or database.	A Kwik product supports Usage, Administration and Maintenance, without programming or database.
06	Upgrades	SpApp Software Upgrades are provided free to Registered Customers, for one year.	Product Functionality Upgrades are provided free for one year from its websites.
07	Resources Needed	SpApp needs PIV computer or better, with 512 MB RAM (2 GB preferred). It runs on Windows with .Net Framework.	Any Existing computer works, with 128 MB memory. Redistributable .Net Framework provided in CD.
08	Packaging	SpApp Software package contains a CD and a User Guide, with Registration form	Shrink-Wrapped Product package, with Functional Upgrades provided free for one year from website.
09	Installation	SpApp installs very quickly, both for Server and Client.	Installation is very quick, taking just a few seconds. Valid License Number is asked for the first time.
10	Ease of Use	SpApp is very easy-to-use and maintain. It does not need IT Staff for programming or Maintenance.	Customers use & maintain the product themselves, without IT Staff.
11	Expandability	Applications built on SpApp is fully expandable in functionality, by customers or by the Company (in case of projects).	Customers can alter the Product scope, by including new business logic, reports or even profiles. They may use Tutor / Help to know how.
12	Reliability	SpApp is very reliable for Application Logic as well as Data. It is self-contained and manages the technical intricacies of providing reliability, in a transparent way.	Every Kwik product carries the reliability of SpApp tool. In addition, the Business Logic of the product is accurate and certified.
13	Performance	SpApp performs well at par on Access efficiency, compared to RDBMS. It is better on Storage efficiency by a notch or two.	Every Kwik product carries the performance level of SpApp tool. In case of Server usage, it is important that good hardware is deployed.

SpApp does indeed provide a major break-thru in Technology, to help customers achieve the potential of IT in Business Applications domain. Kwik Business products provide very affordable systems for SMB sectors.

II APPLICATION CREATION

SpApp provides a complete Specification model, to create a Business Application, without programming. In a Kwik product, the Application comes pre-built. There is no technology variation in App Maintenance between SpApp and Kwik products, as SpApp's SpecGuide is used in both.

Let us analyze some key characteristics of SpApp's SpecGuide.

SI No	Key Feature	Characteristics
01	Specification model	SpApp uses SpecGuide, a complete built-in tool to create full-blown Business Applications. There is no coding involved. Simple Business-English based menus are used.
02	Application	Any number of Applications can be built using SpApp. An Application can be as large and complex as an ERP system.
03	Profile	An Application is made up of many profiles. A Profile is a Business entity. It can be an Activity, a Person, a Document or a Concept.
04	Identification	A Profile is identified by its key characteristic. An Employee profile may be identified by Employee Name or ID.
05	Business Elements	Several business elements may be defined for a Profile. Such elements get defined as a natural Business Logic, thru' menus.
06	Business Checks	Complex business checks may be specified interlinking Profiles & elements. SpApp's AI Manager senses the links and ensures a logical Application is created.
07	Business Calculations	Complex and multiple business calculations may be specified, with conditions linking other profiles & elements. SpApp's AI Manager prepares the Calculation Sequence for data management.
08	Business Actions	SpApp provides a fast mechanism to process groups of data, at one stroke. For example, a Payroll Process can be specified as a Business Action and can be run periodically.
09	Business Alerts	Business and Personal Alerts can be specified, to ensure SpApp alerts a User at login. An Alert can be "Items going below Reorder Level" or "Meeting at 11 AM".
10	Business Flow	Workflows in any business activity or documentation, may be specified. Such a workflow may also be specified to be done by certain users, with Value restrictions.
11	Standard Reports	SpApp supports a Standard Report Tool. When a Profile is specified, it can be viewed or printed with a standard set of options.
12	Custom Reports	SpApp supports Custom Reports of many kinds. Such reports may be for MIS, Statutory needs or Documents. Many Paper Sizes & Looks are supported. Very complex reports may also be specified. Invoice or PO type of documents may easily be specified.
13	Application Testing	SpApp supports a Step-by-Step Approach to App Building. After specifying some Logic, it can be tested by putting in Sample data. The logic can be tested and corrected. This exercise can be done in small steps interactively, to ensure that the App is completed & accurate.
14	Deploy Application	SpApp provides a Go Live option, to simply deploy the Application. It is a single-step process. SpApp removes all the sample data, retaining the complete logic specified. SpApp supports Client/Server deployment
15	Application Documentation	SpApp provides a Simple Business-English-based documentation, on the App specified. It is a complete reference, to know how the App works. It provides a set of SQL statements on data, if required, for usage in other systems.
16	Online Help	Help for an Application may be prepared separately and linked to SpApp. Kwik products carry Help, Demo and Tutor in CD.

SpApp provides a comprehensive mechanism to build an Application, irrespective of its complexity or size. Many ERP applications are already built using SpApp, deployed and put to use.

In case of Kwik products, the complete Application is built into a shrink-wrapped product for ready use.

III **APPLICATION USAGE**

SpApp provides a complete suite of facilities to use the Application for Business Operations. Its highly intuitive Graphical User Interface coupled with appropriate messages, make it very easy to learn and enable usage of the business system even by naive users.

Each Kwik product carry the similar suite of facilities found in SpApp. Let us see some of the features.

SI No	Key Feature	Characteristics
01	GUI	SpApp provides a highly intuitive GUI, with ultra modern screen layout.
02	Mouse/KeyBoard	Equally convenient to access a feature by Mouse or Keyboard.
03	Presentation	Well laid-out, colorful, convenient Screens Layout.
04	One-Touch Buttons	Data entry and updates, at touch of a button.
05	Convenience Options	One-touch Quit and One-touch Shutdown are very convenient to users.
06	Date/Time Option	Well-positioned Date/Time Display is provided (optionally suppressed).
07	Application Headings	SpApp supports optional Product Headings at top of screens (unused in most other software tools).
08	Scroll Help	SpApp provides an optional Product Scroll at top of screens (unused in most other software tools), to help users to understand an App.
09	Help Documentation	SpApp provides Tool Help on F1 Key and Product Help on F11 Key. The documentation is context-sensitive at all times.
10	Company Data	Company, User, App used, User & Logos are always seen on screen.
11	Login	User can login with User ID and Password. Access restrictions apply.
12	Custom Settings	SpApp provides for special custom settings for each user. This applies to Screen presentations and their controls.
13	Calendar	SpApp pops up a Calendar while entering a Date.
14	Calculator Link	SpApp links to default calculator on F12 key, at anytime.
15	Email Link	SpApp links to default Email program, when Email is invoked.
16	Media Player	SpApp supports a Media Player to view a Photograph, listen to Music, or even watch a video separately or as part of App.
17	Demo option	SpApp supports a Quick Demo for Kwik products.
18	Tutor Option	SpApp provides a Tutor mechanism for Kwik products.

SpApp provides a comprehensive suite of facilities to help users, access and use an Application.

IV **DATA MANAGEMENT**

SpApp provides a complete and seamless facility for Data Management of an Application. It provides for data view, updates, print and et al, for novice and power users.

Each Kwik product carry similar facilities of SpApp. Let us see some of the features.

SI No	Key Feature	Characteristics
01	Login	SpApp checks for proper User ID and matching passwords. Provides only permitted access to profiles.
02	Profiles List	App modules or Profiles shown, based on user preferences.
03	View Grid	A Profile's data is presented taking care of user access controls, color and other preferences.
04	View Options	Data is viewed by the Primary ID order in Ascending/Descending way. It can be viewed in other ID orders too. Selection criteria may too be given. Only Alerted data may also be viewed.
05	Alerts	SpApp alerts when a User logs in, in case of Business/Personal Alerts. There is a pleasant Voice message at such times. Such alerts can also be checked, at anytime.
06	Related Data	SpApp supports an unlimited number of related data view, along with the prime data. For example, on selecting a Purchase Order, user can get to see the Order Lines, Goods Receipts, Payments, et al.
07	Related Data Browse	SpApp supports an indented and unlimited number of levels of data browsing. For example, a User can select a Purchase Order, then select an Order Line and then a Receipt and so on. This hierarchical browsing is present in a very few tools only.
08	Full Screen Data View	A Single Data Row of a Profile can be seen on full screen, at anytime. Browsing is available here too, on main / related data. On an element of File type, a user can invoke Media Player and view a picture/video.
09	Data Addition	SpApp provides a proper Data Addition Mechanism to add new data. It takes care of App logic at all stages and supports easy data entry.
10	Data Logic	SpApp applies all the App logic, while entering data. It presents certain elements with lookup values, applies business checks, calculates the derived values, provides Calendar, etc. It provides a complete User aid mechanism, to ensure minimal data entry, yet apply all checks.
11	Document Entry	SpApp provides for entry of data of a document. After entry of Header information, SpApp prompts for entry of multiple line items entry. Such profiles are classified as Tightly-held Parent/Child profiles.
12	Point of Sale	SpApp provides for an easy Point-of-Sale Implementation. Certain key data such as Bill Value can appear in Bold Letters on screen for billing. Such bills can be printed on narrow paper rolls, on the spot of billing.
13	Data Alterations	Data entered may be altered by the same user or others, depending on Access restrictions. SpApp applies the modifications simultaneously to all affected profiles.
14	Data Deletion	Data entered may be removed, subject to authorizations along with the absence of any related data. Calculations to ensure accuracy of other data are simultaneously effected.

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15	Data Concurrency	SpApp ensures simultaneous updates of all data at anytime.
16	Data Integrity	SpApp ensures data integrity at all times, in a user-transparent mode.
17	User Messaging	In Multi-user environment of SpApp within an enterprise, quick messages may be sent from one logged user to others. This feature maintains itself and does not need user to remove old messages. For purposes of quick messaging, other formal tools need not be invoked.
18	Standard Reports	SpApp supports a suite of options to prepare a Report on a profile – Selection Parameters, Related data, Logo, Shading, Paging, Titles, Orientation and more. Typically, this is adequate for most MIS needs.
19	Custom Reports	SpApp prepares the selected Custom Report, based on the parameters entered. Such custom reports are taken periodically.
20	Report Parameters	A Custom Report may have parameters, as specified in the App.
21	Report Options	A Report may be Viewed, Printed/Faxed, Saved as an Image File.
22	Excel Option	A Report may be Saved as an Excel Sheet.
23	EEmail Option	A Report may be Saved as an image and sent as an Email attachment.
24	Graph View	A Standard Report may be Viewed as a Graph – Barchart, Histogram or as a PieChart, subject to acceptable data range for presentation.
25	Quick & Easy Exit	User may exit the Application, at any time quickly.
26	Data Save	SpApp ensures that data is saved properly, before exit and at all times.
27	Data Protection	SpApp protects data from inconsistencies of many technical kinds. But, users of Application shall ensure that data entered is accurate from the real-life scenario that the App represents.
28	Data Safety	SpApp keeps the data encrypted at all times. Direct access to disk file does not yield any tips to data held. Only authorized users and the App Administrator can access App Data meaningfully.
29	Data Recovery	Even in case of OS failure, SpApp manages to recover its data on its own. Failing which, it prompts the user to check for restore options. SpApp ensures 100% protection to data it holds and ensures that the user-entered data stays put all the time.
30	App Uptime	SpApp ensures 100% protection to data it holds and ensures that the user-entered data stays put all the time. SpApp ensures a Six-Sigma level of Uptime (99.9999%) of its Applications.

SpApp provides a comprehensive suite of facilities to help users to access and use an Application.

V **APPLICATION ADMINISTRATION**

SpApp provides an easy-to-use menu-driven suite of Administrative facilities for the Application. The ease of Administration removes the need for DBAs and such other IT Staff. There is an App Administrator who takes care of day-to-day administrative needs of the App, interactively.

Each Kwik product carry the similar Administrative facilities of SpApp. Let us see some of Admin features.

SI No	Key Feature	Characteristics
01	Go Live	An Application can be set to Live Use, by the App Administrator.
02	App Information	SpApp provides for basic information of an App, to be maintained. Such information is made available to various Custom Reports.
03	Users Maintenance	SpApp helps the App Administrator, to create new users and allocate access to various profiles, depending on their functional roles.
04	Data Import	SpApp supports Import of data from other systems, thru' Text, CSV or DAT files. The file layout must match the profile layout one to one.
05	Data Export	SpApp provides a comprehensive Export Data facility. Data can be exported as Text, CSV or DAT files. Such data can be extracted based on conditions.
06	App Copy	An Application can be copied in toto, at one stroke. This helps when an App is being specified or being altered.
07	App Move	An Application can be moved in toto, to another name/location. This helps when an App is being formalized for Live Use on a Server.
08	App Delete	An Application can be totally removed, at one stroke. This helps when a trial / temporary App is no more required.
09	Alter App Password	Administrator can periodically alter the Password for the App.
10	Alter User Password	Any User may alter his/her password periodically.
11	Recover Lost Password	In case an Administrator forgets the App password, he/she can set a new password by providing the Product License Number.
12	Backup App	SpApp provides for Easy & Periodic backup of the App.
13	Restore App	SpApp provides for an Easy Restore of the App, in case of emergency.
14	Data Removal	SpApp provides a comprehensive method to remove old data from the App, periodically. Specific conditions can be laid down.
15	App Manager	SpApp provides an App Manager facility to handle Server aspects of the App, automatically. Administrator may note the icon (Task bar) on Server computer.

SpApp provides a fully menu-driven suite of administrative facilities to help the Administrator (a typical end user), to manage the users and the Application. SpApp dispenses with complex logging, recovery and such database concepts completely.

SpApp has built-in Self-Check system, Auto-Recovery system and Data Integrity system, to ensure that the Administrator's role is kept simple.

VI **MAINTENANCE & UPGRADES**

SpApp provides the SpecGuide facilities for Application upgrades, at anytime. In case of Kwik products, the company provides major upgrades from its websites.

SI No	Key Feature	Characteristics
01	Application Alteration	An Application can be altered using SpecGuide, dynamically.
02	Nature of Alterations	Any feature of Application may be changed, subject to business logic. Typical changes include New Reports, New Business logic including calculations, New profiles and more. Existing logic and reports may also be altered extensively.
03	Data Retention	Application Alterations can be done with presence of data. This is a key facility, for users to alter profiles having data. Data consistency and Integrity are retained at all stages.
04	App Safety	It is recommended to have a Copy of the App, before major alterations.
05	License Upgrade	Existing License may be upgraded at anytime, by using Upgrade CD or by procuring PIN from the Company. It is a simple menu-driven process to upgrade.
06	Product Upgrade	The Company provides SpApp product Upgrades as well as Kwik product upgrades, periodically. Such upgrades are generally found at the websites. The Upgrade Process is very simple and menu-driven. Such upgrades do not affect existing data and they ensure integrity.
07	Upgrade Activity	Any Upgrade Activity – License, SpApp product or Kwik product – is done at Site, by users themselves. It is a simple Menu-driven process at all times.
08	Company Support	Support to Customers from the Company is limited to Emails. Inherent usage convenience of the products ensure that email support is adequate. However, paid Support Schemes do exist on contractual basis.
09	Website Support	Company's Websites provide periodic NewsLetters on SpApp product and each Kwik product. Each NewsLetter explains a chosen topic as well as replies to queries raised by Customers and others.

SpApp provides a complete coverage of Maintenance and Upgrade areas, that are likely. Upgrades from the Company include License and Products' functionality. Customers are encouraged to improve the Apps and Kwik products themselves, to suit their naturally changing needs.

VII **SUMMARY**

SpApp is a powerful Enterprise AppMaker with an End-to-End focus on Business Systems management. It is carefully built from ground up, to ensure multiple tiers of software tools and consequently costs are avoided. SpApp uses a Specification model, to create Apps. It manages such Apps without any database at all.

SpApp enables building of **Kwik** products, to cater to specific business tasks. Such products are priced at commodity levels, to encourage spread of IT usage in Business operations of MSME sectors.