

Rappit, Vanenburg's application development accelerator

Rappit allows consultants & developers to accelerate building of advanced enterprise business applications at scale on Google Cloud in Java through smart requirements gathering, instant prototyping, and rapid code generation.

How it works

The consultant gathers requirements using a designer, captures the functional details, and creates working prototype screen designs. On approval of the estimation by the customer, the development team will start developing the application and build the MVP / go-live version.

Requirements



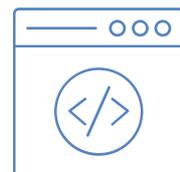
Provides a design studio to guide requirements gathering by a business consultant.

Instant prototyping



Generates prototype screens instantly from requirements design. Allows users to play with screens and input actual data.

Code generation



Generates a working Google Cloud application. Developers can add the additional code and application specific logic.

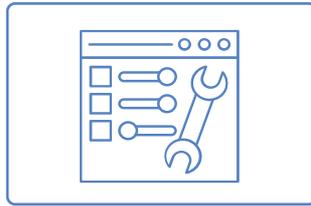
Business benefits



Right solution faster

Better requirements lead to better estimation and delivery. However, requirements are often not clear upfront.

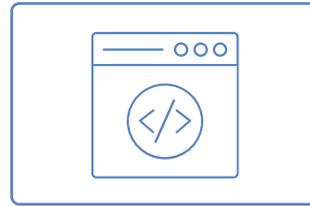
Rappit, via design studio and instant prototyping, enables the business domain experts to upfront get a clear picture and visualization of how the app will be and refine the requirements during the requirements gathering phase. Next to reducing project risk it also removes the gap between business and IT.



Lower TCO

Building advanced enterprise applications can be costly and time consuming, to do development from scratch.

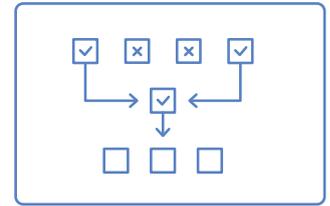
Rappit accelerates development velocity by providing a jumpstart, generating on average 50% - 80% of the required code. Next to default building blocks (e.g. workflow, mobile support) reusable libraries for several components are readily available.



No vendor lock-in

Customers are locked-in by 'off the shelf' suites, or applications that are built on no/low-code tools, with high license costs.

An Rappit generated application has no license cost. The core of Rappit is the code generator. You fully own the source code and the data of the Rappit generated apps. You can continue to maintain and enhance the code independently. Generated applications can run in your own environment.



Leverage best practises

Building serverless applications at scale can be complex, and solutions are not always optimized for IaaS.

Rappit reduces complexity by automatically generating application code, CI/CD script based on best practices. Including optimized hosting costs, data security, scalability / performance. Developers don't need to worry about these aspects; the code is generated based on best practices.

Features

 Requirements designer

 Generate UI screens

 Automate test cases

 Write code

 Generate navigation

 Gitlab integration

 External API integration

 Generate back-end services

 Generate CI CD scripts

 Run across devices

 Change logs

 Configure Workflows

 Define user/role management

 Data modelling

 Multi language support

 Entity Relation and Workflow diagrams

 Integrate Big Query

Use Cases



Greenfield development

Rappit is used for building greenfield business applications.



Enterprise grade apps

Rappit is well suited for enterprise business applications that need to be built as modern and cloud native technology, such as microservices architecture, high scalability and performance to support 1.000s of users with optimized hosting cost and functionality.



Typical app features

Apps that need features such as human approval workflows, complex data access control, ability to access from desktop browsers as well as mobile apps (from mobile browser, native Android / iOS).



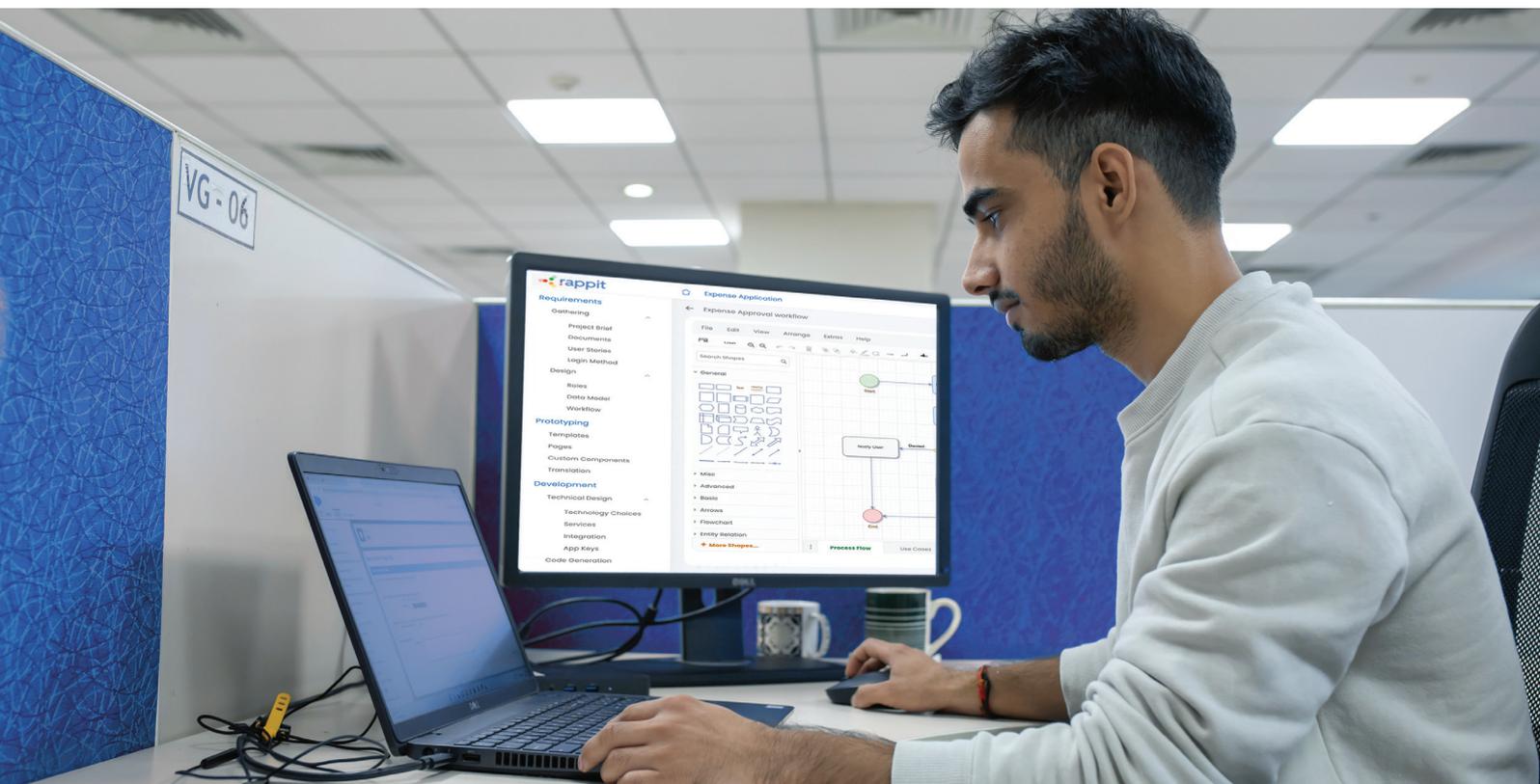
Typical app characteristics

Medium/complex logic, integration to master data from external systems, real-time synchronization to analytical database (Google BigQuery) for dashboarding, analytics, reports, BI and machine learning.



Full flexibility

Rappit allows developers to have full flexibility to add any needed code to the backend and frontend to meet the specific application needs.



Enterprise business applications

- ✓ **Rebuilding at scale** of medium and complex Lotus Notes app / Oracle Forms to newer cloud technologies.

Applications such as:

Appraisal Management; Quality Management; Warranty Management; CRM; Financial Approval Management.

- ✓ **Apps to extend your ERP** add innovative layers on of existing ERP core (e.g. SAP, PeopleSoft, Infor LN) with no changes to the underlying ERP thereby bringing in new value added features in quick time and much cheaper.

Applications such as:

External portals, Work order app.

Accelerate impact

Get started today, following for example the approach below to modernize legacy ERP apps.



Identify top 5 medium complex ERP apps



Engage Vanenburg team



Rapid prototyping



ROI < 1 year

Why Vanenburg

- **40+ years of experience** in the enterprise software market with deep expertise in ERP and integrations to back-end system.
- Dedicated **Google Cloud Practice** since 2014 with +50 FTE.
- Unique **rapid application development** tooling to quickly prototype and develop applications at large scale against low Total Costs of Ownership.
- **Fully automated cloud hosting & management service** based on Infrastructure as Code approach to provision and manage (24 x 7) cloud resources and applications.
- Strong **artificial intelligence capabilities** based on Google AI.