ZUDY®

Apps NOW

ZUDY®

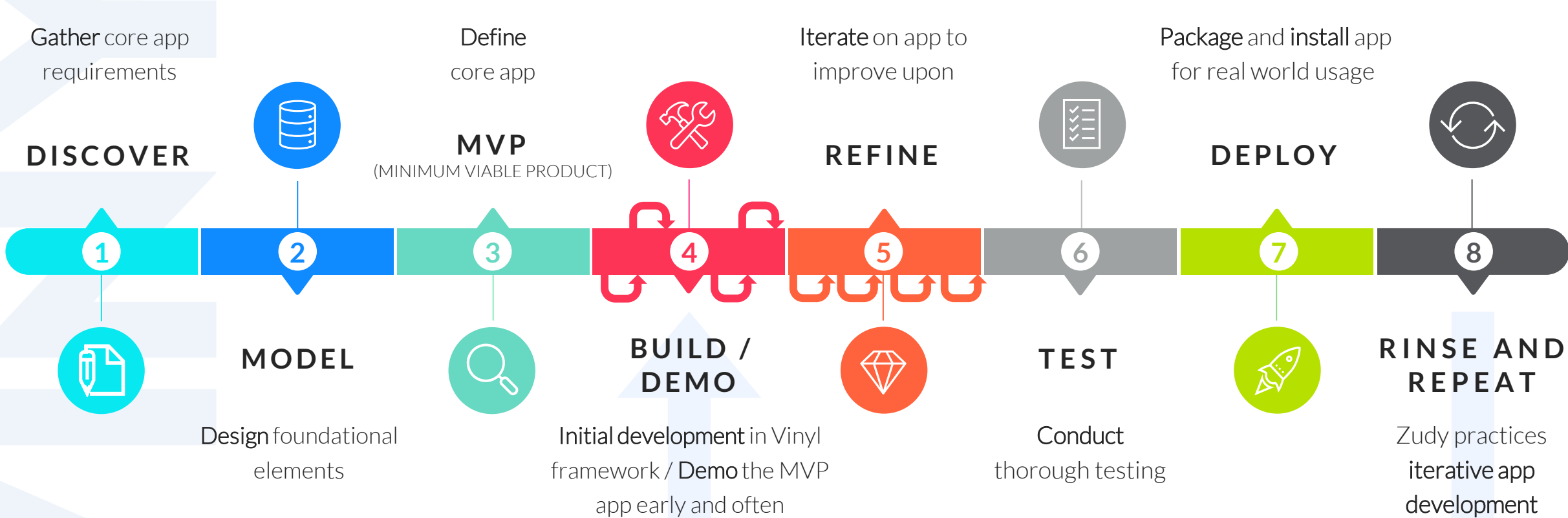# APP DEVELOPMENT WORKFLOW

Best Practices

APP DEVELOPMENT WORKFLOW– BEST PRACTICES
Blueprinting for **Success** in **Vinyl**

ZUDY

Gather core app requirements

DISCOVER

Define core app

MVP
(MINIMUM VIABLE PRODUCT)

Iterate on app to improve upon

REFINE

Package and install app for real world usage

DEPLOY

1 2 3 4 5 6 7 8

MODEL

Design foundational elements

BUILD / DEMO

Initial development in Vinyl framework / Demo the MVP app early and often

TEST

Conduct thorough testing

RINSE AND REPEAT

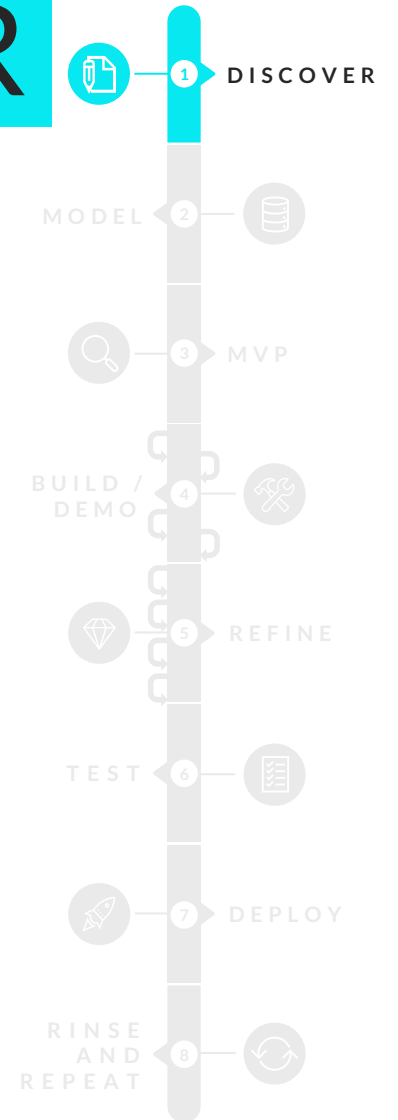Zudy practices iterative app development

BEST PRACTICES / DISCOVER

1 **Gather** Core App Requirements

- Data

- Users / Personas

- Process

- Access and Security

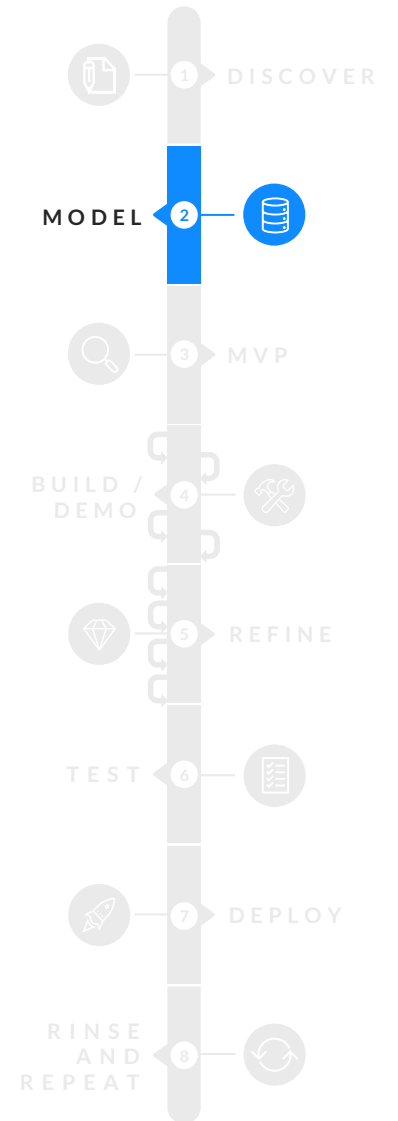- Requirements (Functional and Non-Functional)

DISCOVER

1 DISCOVER

MODEL 2

3 MVP

BUILD /
DEMO 4

5 REFINE

TEST 6

7 DEPLOY

RINSE
AND
REPEAT 8

BEST PRACTICES / MODEL

MODEL — 2

2 **Design** Foundational Elements

- Simple Data Model
- Flow Chart/Lanes
- Mockups, Wireframes, or Sitemaps as Needed

DISCOVER — 1

MVP — 3

BUILD / DEMO — 4

REFINE — 5

TEST — 6

DEPLOY — 7

RINSE AND REPEAT — 8
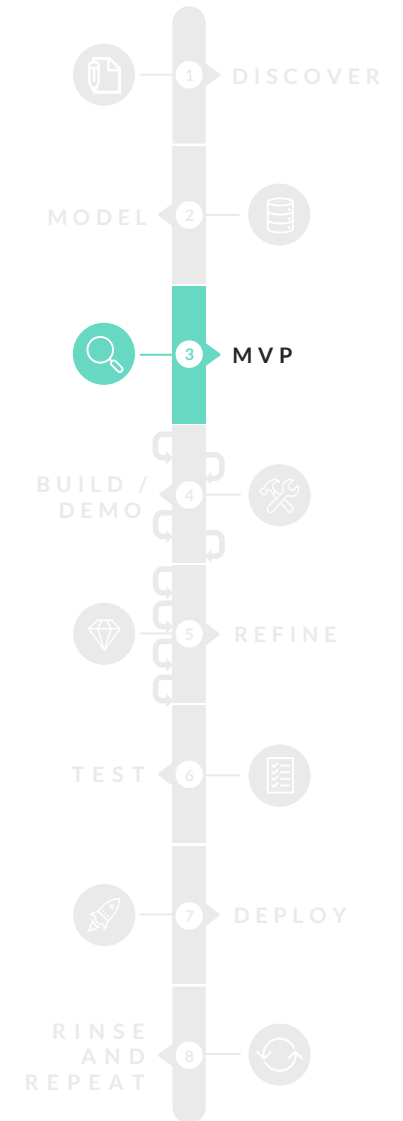
BEST PRACTICES / MVP

(MINIMUM VIABLE PRODUCT)

3 **Define** Core App

- List Core Elements
- Approval from Stakeholders

1 DISCOVER

MODEL 2

3 MVP

BUILD / DEMO 4

5 REFINE

TEST 6

7 DEPLOY

RINSE AND REPEAT 8

BEST PRACTICES / BUILD / DEMO

DISCOVER

MODEL
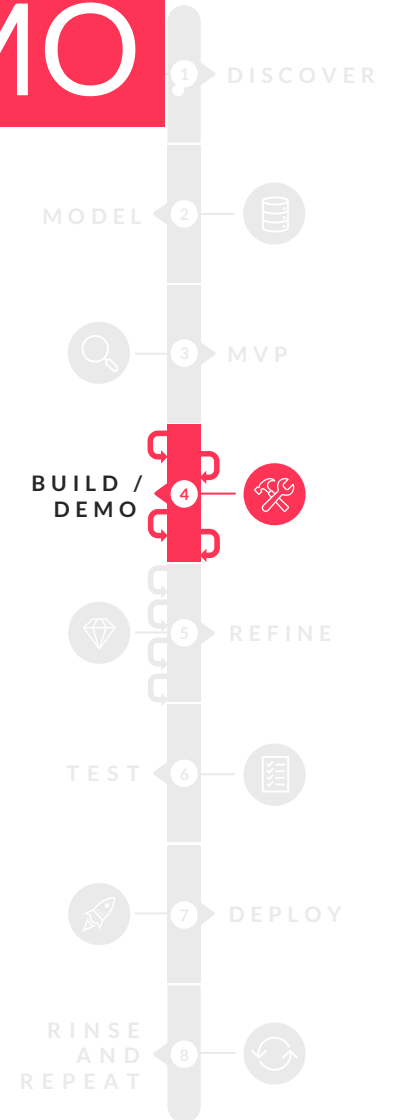
MVP

4 **BUILD** / Initial Development in Vinyl Framework

- Data Model
- Pages and Panels
- Basic UI Design
- Security

BUILD / DEMO

REFINE

TEST

DEMO / Demo the MVP App Early and Often
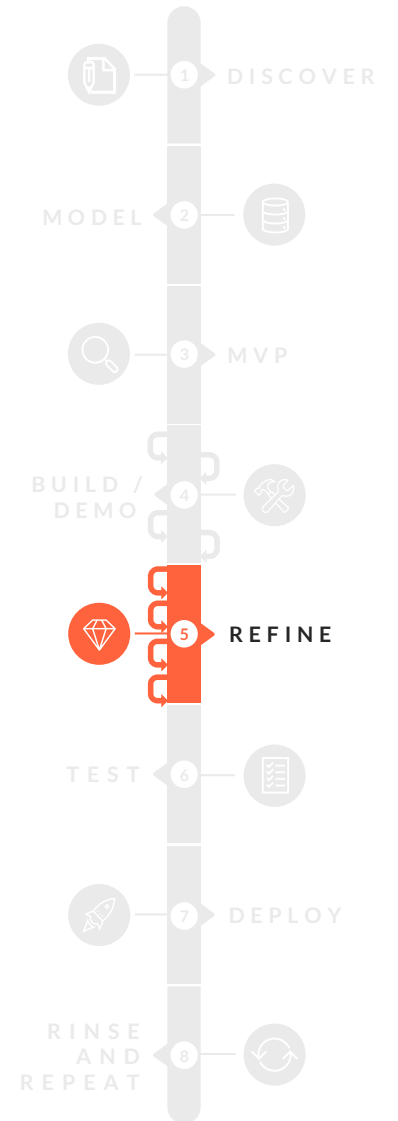
- Schedule a Cadence with Stakeholders

DEPLOY

RINSE AND REPEAT

BEST PRACTICES / REFINE

5 **Iterate** on App to Improve Upon
- Incorporate Feedback from Demo Sessions
- More Granular UI Design

DISCOVER
MODEL
MVP
BUILD / DEMO
REFINE
TEST
DEPLOY
RINSE AND REPEAT
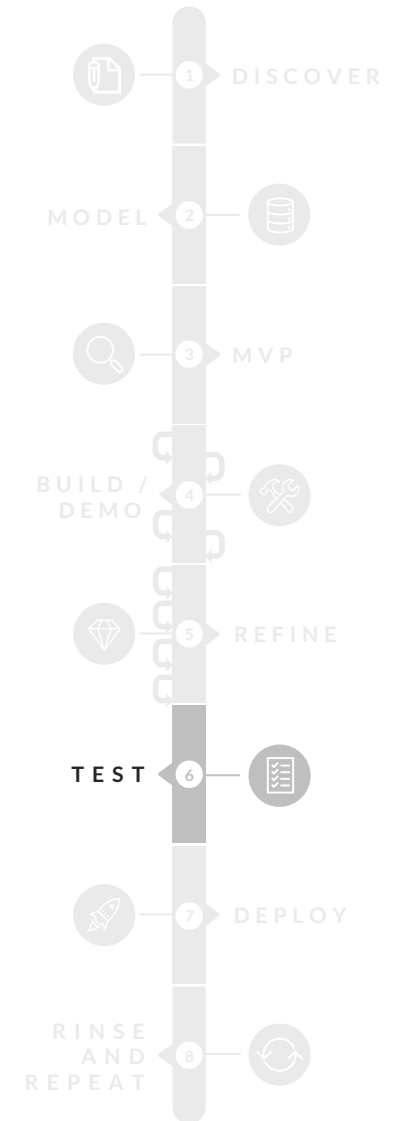
APP DEVELOPMENT WORKFLOW

BEST PRACTICES / TEST

6 **Conduct** Thorough Testing

- Internal QA First
  - Better to Catch Bugs Internally

- End User UAT Testing
  - Real User Feedback

1 DISCOVER

MODEL 2

3 MVP

BUILD / DEMO 4
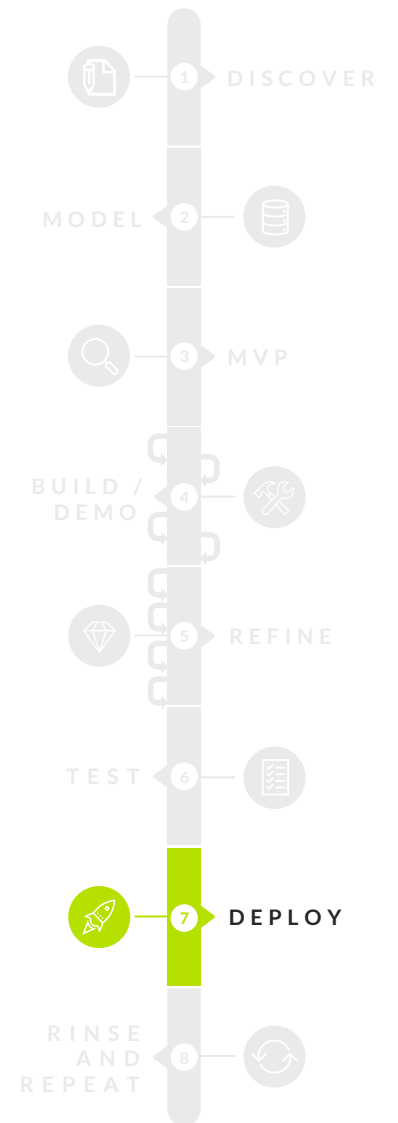
5 REFINE

TEST 6

7 DEPLOY

RINSE AND REPEAT 8

BEST PRACTICES / DEPLOY

7 **Package** and **Install** App for Real World Usage

- Promote to Production
- Development Environment Should Not be the Same Environment as Production

DISCOVER 1

MODEL 2

MVP 3

BUILD / DEMO 4

REFINE 5

TEST 6

7 DEPLOY

RINSE AND REPEAT 8

BEST PRACTICES / RINSE AND REPEAT

8 **Zudy** Practices **Iterative App Development**

- Consolidate Feedback
- Plan and Schedule Future Releases

MODEL 2

3 MVP

BUILD / DEMO 4

5 REFINE

TEST 6

7 DEPLOY

RINSE AND REPEAT 8
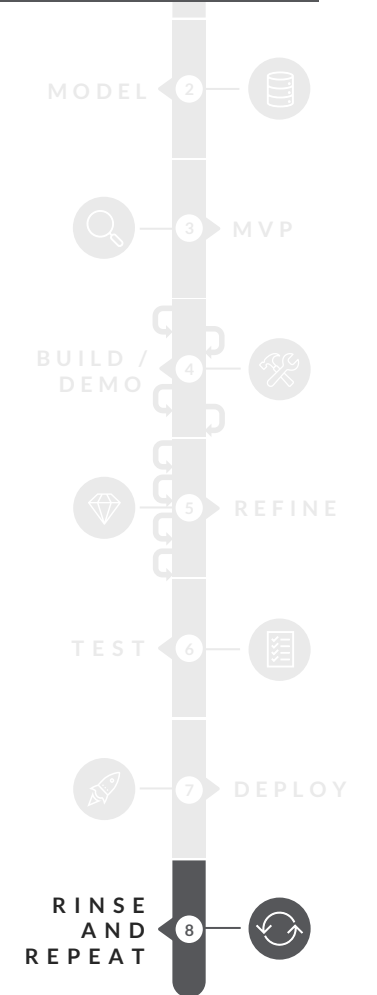
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