# Heatmap

Heatmap based on    Durations ▾
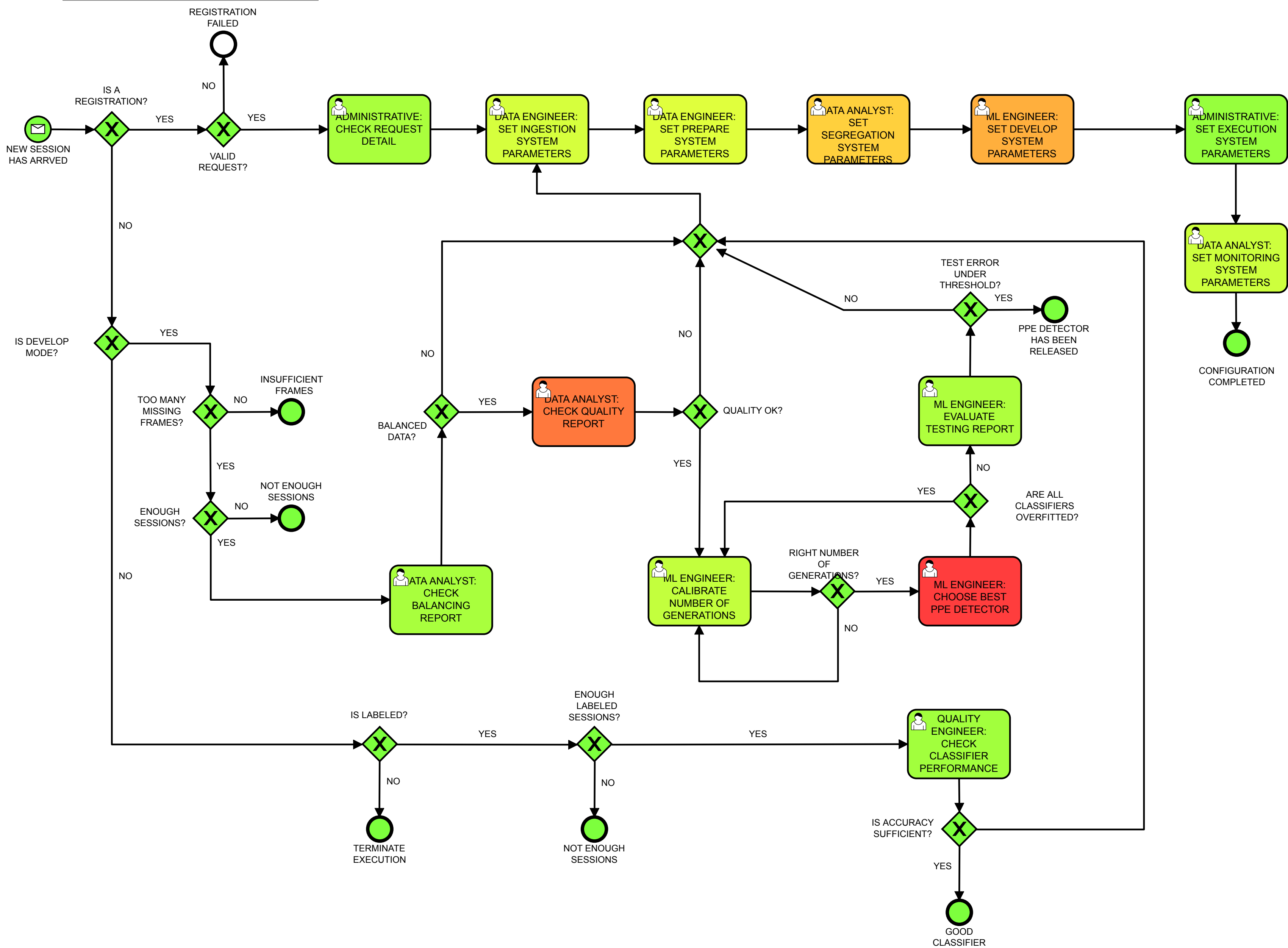


**Legend**

| Color | Value |
|---|---|
| | 0 s |
| | 6 s |
| | 12 s |
| | 18 s |
| | 25 s |
| | 31 s |
| | 37 s |
| | 43 s |
| | 49 s |
| | 55 s |

NEW SESSION HAS ARRVED

IS A REGISTRATION?

YES

NO

VALID REQUEST?

NO → REGISTRATION FAILED

YES

ADMINISTRATIVE: CHECK REQUEST DETAIL

DATA ENGINEER: SET INGESTION SYSTEM PARAMETERS

DATA ENGINEER: SET PREPARE SYSTEM PARAMETERS

DATA ANALYST: SET SEGREGATION SYSTEM PARAMETERS

ML ENGINEER: SET DEVELOP SYSTEM PARAMETERS

ADMINISTRATIVE: SET EXECUTION SYSTEM PARAMETERS

DATA ANALYST: SET MONITORING SYSTEM PARAMETERS

CONFIGURATION COMPLETED

IS DEVELOP MODE?

YES

NO

TOO MANY MISSING FRAMES?

NO → INSUFFICIENT FRAMES

YES

ENOUGH SESSIONS?

NO → NOT ENOUGH SESSIONS

YES

DATA ANALYST: CHECK BALANCING REPORT

BALANCED DATA?

NO

YES

DATA ANALYST: CHECK QUALITY REPORT

QUALITY OK?

NO

YES

ML ENGINEER: CALIBRATE NUMBER OF GENERATIONS

RIGHT NUMBER OF GENERATIONS?

YES

NO

ML ENGINEER: CHOOSE BEST PPE DETECTOR

ARE ALL CLASSIFIERS OVERFITTED?

YES

NO

ML ENGINEER: EVALUATE TESTING REPORT

TEST ERROR UNDER THRESHOLD?

NO

YES → PPE DETECTOR HAS BEEN RELEASED

IS LABELED?

YES

NO → TERMINATE EXECUTION

ENOUGH LABELED SESSIONS?

YES

NO → NOT ENOUGH SESSIONS

QUALITY ENGINEER: CHECK CLASSIFIER PERFORMANCE

IS ACCURACY SUFFICIENT?

YES → GOOD CLASSIFIER