Use-Case Descriptions

**Name of use case:** • START LINE RUN

**Pre-conditions:**

1. Check there are enough ingredients.
2. Are allocated staff present.
3. Supervisor present to switch line on.

**Post conditions:**

1. Production line starts successfully.

**Actor:** Supervisor.

**Purpose:** Description of the beginning of daily line run.

**Description:**

1. Check storage for enough ingredients (at least enough for a smooth run until next supply drop.)
2. Check allocated staff turn up to operate line.
3. Supervisor switches on line if previous two conditions are met.

**Name of use case:** • RECORD EMPLOYEE JOINING THE LINE

**Pre-conditions:**

1. Operative doesn’t have a timesheet.
2. Employee joining present.
3. Supervisor present to record employee.

**Post conditions:**

1. Employee joins the production line successfully.

**Actor:** Supervisor, Operatives.

**Purpose:** Describing the process of operatives when joining a production line.

**Description:**

1. Take name of staff at beginning of run.
2. Copy the job number from the job card to the production record sheet.
3. If it’s the first time the operatives worked this week, make a new timesheet.

**Name of use case:** • RECORD EMPLOYEE LEAVING THE LINE

**Pre-conditions:**

1. All operatives are present at the line.
2. Supervisor present to record employee.

**Post conditions:**

1. Operative successfully leaves the line.
2. Supervisor takes note of absence.

**Actor:** Supervisor, Operator.

**Purpose:** Description of the process an operative needs to do to leave the production line.

**Description:**

1. If an operative leaves the line, a rough note is taken of this person, and how long they are absent for.
2. If someone is missing, or leave on sick leave, a replacement has to be found as quickly as possible.

**Name of use case:** • STOP LINE

**Pre-conditions:**

1. Production line is running as normal.

**Post conditions:**

1. Production line has been successfully stopped.

**Actor:** Supervisor

**Purpose:** Description of the process of stopping the line, and what would case a stop.

**Description:**

1. Lines stops.

**Name of use case:** • RECORD LINE PROBLEM

**Pre-conditions:**

1. Line has been stopped to resolve problem.
2. Maintenance present

**Post conditions:**

1. Line problem has been recorded
2. Line has been successfully fixed.
3. Line has been started again.

**Actor:** Maintenance, Supervisor.

**Purpose:** Describing process of recording and fixing a line problem

**Description:**

1. If the line brakes down, maintenance would have to be called and record the downtime the production line isn’t running.
2. If the line runs out of ingredients, this would involve contacting the warehouse, farm or outside supplier.
3. If people go missing, or leave early because they are ill, a replacement for them must be found as quickly as possible.

**Name of use case:** • END LINE RUN

**Pre-conditions:**

1. Line is running
2. Supervisor present
3. Product Control present

**Post conditions:**

1. Line run has been successfully stopped.

**Actor:** Supervisor, Production Control.

**Purpose:** Describing the formal process of ending a line run, and relevant checks.

**Description:**

1. Supervisor notes finishing time on production record sheet.
2. Supervisor then phones Production Control to verify quantity produced, this is then noted on the production record sheet.
3. Supervisor then totals absences.
4. Total hours then recorded for each operative.
5. If someone joined mid run, a new timesheet is made and hours added in.
6. Quantity recorded, and unused ingredients returned to warehouse.
7. Line tidied, and readied for next run.