**General Setup**

**Production Process:** All Processes and Sub Processes will be declared here in this Production Process Interface, and those will be used in Style Study as require for any certain style.

**Line/Block:** Block or line will have number of same gauge machine for Knitting

**General Calendar:** this is the standard organizational calendar for working hour, working days, Weekend etc.

**Line/Block wise Calendar:** This is line/block specific calendar for working hour, working days, Weekend etc.

**Steps:**

**Style Study:** All technical specification and process wise production study will be declared here in Style Study. Eventually priority will be added here in incremental ratio to last one.

**Buyer Work Order:** Order from buyer will be recorded here along with size and color breakdown. More over tolerance percentage will be also in consideration to ensure the maximum shipment possibility

**Planning Board:** It is an Automatic intelligent Planning Board for knitting process. Other process like Linking, Trimming, Mending, Washing, and Finishing will be planned based on the Knitting plan considering the Style Study declaration in Style. System will use the artificial intelligence to plan all the orders in maximum optimum way where system will try to utilize the full production capacity and off course will make sure to utilize the learning curve. System planning intelligence will find out the other process after knitting and based on the study it will multiply with the order quantity and deduct the days from in-house inspection date and will plan for knitting. In Planning Board it left side there will be all Line/Block and orders booked for the line/Block and date will be shows as stripe. System will utilize the intelligence based on the declaration of the Productivity, Organizational efficiency, First day output, Incremental logic and maximum output and off course the priority declared by the planner. System will be intelligent enough to display any order/stripe by color where it will indicate whether it is on time or late. How many days early by or late by will be also displayed in planning board so that the planner can take decision if he/she wants to optimize it. There will be a notification corner also where system will guide how planner may make the planning process more optimum. Please keep a note that any running order will be freeze to move any change or shift line/block. It may shift the day to onwards for the pending quantity.

* Automatic & Intelligent Planning Process
* Interactive Graphical presentation
* User friendly Planning Process
* Day & Week wise loading view
* Integrated Planning process with other modules so everything is sync
* Proper Line/Block wise Planning
* Production Overtime planning
* Learning Curve is considered here
* Other Process Loading Plan
* Raw materials planning mapping
* Critical Resource Planning & Utilization
* Style Criticality handle
* Early by Late by indication
* System guidance for Improve planning
* Other Process Loading Plan
* Real-time Production Update