Move to Destination

Feature Name: Move to Destination

Feature Name in Annotation: Move_To_Destination

Source of Information
Code comment, Source Code

Strategy Used:
When we were reading the largest and most central logic file MarlinMain.cpp, we understood that the mechanism for any movement in Marlin is through knowing its current position and the destination position, and it plans for its movements for the steppers in all axes. So we separated this feature from the rest, and we included everything that has to do with movement to a certain position. We also went through other files to find the rest of the feature.

Feature Description: This feature is mandatory. This is a very fundamental mechanism for 3D printers to make any movements in axes.

Time spent: This feature is one of 18 features that were located by manually going through all code files of Marlin using our source code method. It took one person 25 hours to identify all 18 features.

Feature Characteristics:

Feature Name	LoFC	SD	TD	Completely Wrapped by ifdef
Move to Destination	357	14	16	No

Ratios of sources (%)

RL	PR	CM	Ifdef	DK	CC	SC	GD
0	0	0	0	0	20	80	0

RL: Release Log; **PR:** Pull Request; **CM**: Commit, **Ifdef**: Ifdef Expression; **DK**: Domain Knowledge; **CC**: Code Comment; **SC**: Source Code; **GD**: G-Code Documentation.