**Code Book**

This code book summarises the resulting data fields in TidyData.txt

**Identifiers**

subjectID – The subject ID

activityID – The activity performed by the subject when the measurements were taken

**Measurements**

tBodyAcc-mean()-X

tBodyAcc-mean()-Y

tBodyAcc-mean()-Z

tBodyAcc-std()-X

tBodyAcc-std()-Y

tBodyAcc-std()-Z

tGravityAcc-mean()-X

tGravityAcc-mean()-Y

tGravityAcc-mean()-Z

tGravityAcc-std()-X

tGravityAcc-std()-Y

tGravityAcc-std()-Z

tBodyAccJerk-mean()-X

tBodyAccJerk-mean()-Y

tBodyAccJerk-mean()-Z

tBodyAccJerk-std()-X

tBodyAccJerk-std()-Y

tBodyAccJerk-std()-Z

tBodyGyro-mean()-X

tBodyGyro-mean()-Y

tBodyGyro-mean()-Z

tBodyGyro-std()-X

tBodyGyro-std()-Y

tBodyGyro-std()-Z

tBodyGyroJerk-mean()-X

tBodyGyroJerk-mean()-Y

tBodyGyroJerk-mean()-Z

tBodyGyroJerk-std()-X

tBodyGyroJerk-std()-Y

tBodyGyroJerk-std()-Z

tBodyAccMag-mean()

tBodyAccMag-std()

tGravityAccMag-mean()

tGravityAccMag-std()

tBodyAccJerkMag-mean()

tBodyAccJerkMag-std()

tBodyGyroMag-mean()

tBodyGyroMag-std()

tBodyGyroJerkMag-mean()

tBodyGyroJerkMag-std()

fBodyAcc-mean()-X

fBodyAcc-mean()-Y

fBodyAcc-mean()-Z

fBodyAcc-std()-X

fBodyAcc-std()-Y

fBodyAcc-std()-Z

fBodyAcc-meanFreq()-X

fBodyAcc-meanFreq()-Y

fBodyAcc-meanFreq()-Z

fBodyAccJerk-mean()-X

fBodyAccJerk-mean()-Y

fBodyAccJerk-mean()-Z

fBodyAccJerk-std()-X

fBodyAccJerk-std()-Y

fBodyAccJerk-std()-Z

fBodyAccJerk-meanFreq()-X

fBodyAccJerk-meanFreq()-Y

fBodyAccJerk-meanFreq()-Z

fBodyGyro-mean()-X

fBodyGyro-mean()-Y

fBodyGyro-mean()-Z

fBodyGyro-std()-X

fBodyGyro-std()-Y

fBodyGyro-std()-Z

fBodyGyro-meanFreq()-X

fBodyGyro-meanFreq()-Y

fBodyGyro-meanFreq()-Z

fBodyAccMag-mean()

fBodyAccMag-std()

fBodyAccMag-meanFreq()

fBodyBodyAccJerkMag-mean()

fBodyBodyAccJerkMag-std()

fBodyBodyAccJerkMag-meanFreq()

fBodyBodyGyroMag-mean()

fBodyBodyGyroMag-std()

fBodyBodyGyroMag-meanFreq()

fBodyBodyGyroJerkMag-mean()

fBodyBodyGyroJerkMag-std()

fBodyBodyGyroJerkMag-meanFreq()

**Activity Labels**

1 - Walking

2 – Walking Upstairs

3 – Walking Downstairs

4 - Sitting

5 - Standing

6 - Laying