**Update Benchmarks (S-000)**

System queues up a benchmark

Client creates a BuildMark

Client calls Calculate on new BuildMark

BuildMark calls Add on static BuildMarkManager

BuildMarkManager calls ReadBuildSnapshot on DBManager

BuildMark doesn’t already exist in database

System displays message to check back later

BuildMarkManager notifies Client that the BuildMark is being calculated

System calculates benchmark

BuildMarkManager calls Start method to begin processing

BuildMarkManager calls CreateBuildMark upon completion of processing

System saves benchmark information

BuildMarkManager calls CreateBuildSnapshot on DBManager

DBManager adds newly calculated BuildMark snapshot to the database

