|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Substep** | **Τίτλος** | **Εργασίες** | **Web server** | **Client server** | **Παρατηρήσεις** |
| 0 |  | Έναρξη | Δημιουργία Δομής για το τρέξιμο |  | Register | Δημιουργία |
| Step1 |  | Αρχικοποίηση δέντρων | Depend on parameters, send the data and ask for n trees.  Substeps: 1🡪 Give me n trees from this data | Get: nothing  Post: saves the data to a treerecord, until all treerecords are full. If they are full, we go to the next step. | Receives: data + params from other APIs Returns: the n trees+evaluation concurrently until all recordtres are filled up |  |
| Step2 | 2.1 | Αξιολόγηση | Έχει γίνει πιο πριν |  |  |  |
| Step 3 | 3.1 | Επιλογή | Sort από τον web server | Step 2.1 |  |  |
|  | 3.2 | Διασταύρωση | Web server – select random 2 trees and send them to do it | Send : two trees Receives: two trees with evaluation | Receives: two trees: Returns: two trees with evaluation |  |
|  | 3.3 | Mutation | Web server – select random 2 trees and send them to do it | Send : two trees Receives: two trees with evaluation | Receives: two trees: Returns: two trees with evaluation |  |
| Step 4 |  | Αξιολόγηση κύκλου |  | Εάν έχουμε φτάσει στο όριο που θέλουμε ή τις επαναλήψεις |  |  |