# **Web-application functionality**

Developed web-application allows several options to authenticated users.

**Create new error.** To add new error short and long description, urgency and importance are required. After user clicks Add button Error and Activity tables in database are updated. By html, id of selected urgency and importance are defined, date for Error and Activity tables sets as current date, user’s id is set during authentication process, id of Error’s status is set by database as well as id of Activity’s action.

**Display all errors.** In the menu there is a button to display all errors. All errors’ details are displayed in sortable table. To sort by specific detail, user should click related column header.

**Display error’s information.** To display more information about specific error, user should click its number in the table. All the status changes of the error are displayed and there is special button to change it again (if the error’s status is not “Completed”).

**Update error’s status.** To update status of the error comment is required. Along with the comment new status is needed, so all the possible new statuses (according to the errors’ statuses cycle) are displayed to select from. After user clicks Update button, Error and Activity tables of database are updated. All the needed information is provided the same way as already described.

**Display all the users.** In the menu there is a button to display information about all the users.

**Log out.** In the menu there is a button to log out.

All these options are only for logged in users. Unauthorized users are redirected to page with login form.