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309 - There must be a secure login - 3 - Done							
<input type="checkbox"/>	Log in	Done	0	No unauthorized access should be allowed	Usman Alam	11.7.2011	11.8.2011
<input type="checkbox"/>	Credentials	Done	0	User credentials should be secure so no stealing of data will be possible	Usman Alam	11.7.2011	11.8.2011
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308 - Data measured needs to be secure, and no unauthorized access for data can be allowed - 2 - Done							
<input type="checkbox"/>	GSN security	Done	0	Security needs to be implemented inside GSN as no unauthorized access should be allowed.	Matija Renić	11.6.2011	11.8.2011
!							
349 - User should have a possibility of password recovery - 3 - Done							
<input type="checkbox"/>	Reset Password	Done	0		Usman Alam	11.7.2011	11.8.2011
!							
345 - There must be a possibility of adding new sensors to the database - 2 - Done							
<input type="checkbox"/>	Sensors adding	Done	0	Adding new sensors from already provided GSN has to be available. Data should be stored in its own table, with connection to GSN	Ante Ivanković	11.9.2011	11.11.2011
!							
314 - Viewing the data according to time, value, sensor or GSN from which it came - 3 - Done							
<input type="checkbox"/>	Database schema	Done	0	Table with readings should have information regarding day, time of the day and possibly some other details	Luka Postruzin	11.8.2011	11.11.2011
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330 - User should have a possibility to update his/her profile information - 5 - Done							

<input type="checkbox"/>	User should have a possibility to update his/her profile information	Done	0		Usman Alam	11.7.2011	11.11.2011
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[311 - Data type for all the parameters should be defined - 2 - Done](#)

<input type="checkbox"/>	Database schema	Done	0	Schema should be well defined in the first place and this will be only changed later if some error is found, or possibly better solution then presented	Luka Postruzin	11.8.2011	11.11.2011
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[327 - Database needs to be secure with roles regarding data source - 5 - Done](#)

<input type="checkbox"/>	Admin role	Done	0	Admin role can add new data to all table,s and use select, insert, drop and create as well.	Luka Postruzin	11.8.2011	11.11.2011
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<input type="checkbox"/>	User role	Done	0	User should be able to view data, and if needed, can ask for other actions, that in the end admin approves or not			11.11.2011
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[340 - Generating meaningful data with virtual sensors - 3 - Done](#)

<input type="checkbox"/>	Sensor implementation	Done	0	Making virtual sensors that provide meaningful data	Matija Renić	11/13/2011	11/13/2011
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[310 - Add sensors to GSN servers - 3 - Done](#)

<input type="checkbox"/>	Create view for sensors	Done	0	List of sensors for certain GSN server	Kristijan Šimunić	11/13/2011	11/19/2011
<input type="checkbox"/>	CRUD sensors	Done	0	Add, view, edit, delete sensor from/to GSN server	Kristijan Šimunić	11/17/2011	11/19/2011
! 316 - Admin should have a navigation side bar to perform different operations - 2 - Done							
<input type="checkbox"/>	Admin design	Done	0	Interface for our administrator should be defined with side bar regarding actions that can be taken	Angie Angarita Soto	11.7.2011	11/19/2011
! 312 - Adding new GSN servers - 3 - Done							
<input type="checkbox"/>	GSN server information	Done	0	New GSN servers can be added to the system, in our database	Vallu Sreehari	11/17/2011	11/19/2011
! 341 - Subscribing to sensors which are situated on already known GSN servers - 5 - Done							
<input type="checkbox"/>	Saving user option	Done	0	When user finishes editing subscriptions, they are saved in the system, for admin to approve them	Usman Alam	11/19/2011	11/19/2011
<input type="checkbox"/>	Listing sensors	Done	0	Make a list of sensors for user to choose from	Usman Alam	11/19/2011	11/19/2011
! 331 - User must have roles regarding the data they are subscribed to - 3 - Done							
<input type="checkbox"/>	Sensor privilege	Done	0	Users should be able to see only sensors they have right to view	Usman Alam	11/19/2011	11/19/2011
! 351 - Web page needs to have user-friendly design - 13 - Done							

<input type="checkbox"/>	Design	Done	0	Web page should be modern and good looking for our users to enjoy	Angie Angarita Soto	11.7.2011	11/20/2011
<input type="checkbox"/>	Create User Menu bar in Web Application component	Done	0	It is necessary to create a menu for user profiles that contains a navigation panel that allows to the user to generate reports, sensor display, request suscriptions and notification customization (for example, allow to the user to update their email or cellphone when they change them).	Angie Angarita Soto	11.8.2011	11/20/2011
<input type="checkbox"/>	User panel	Done	0	User panel should be easy to use and manage	Angie Angarita Soto	11.8.2011	11/20/2011
<input type="checkbox"/>	Admin panel	Done	0	Administrative panel should be intuitive	Angie Angarita Soto	11.8.2011	11/20/2011
<input type="checkbox"/>	Integrate Html with PHP component at web server	Done	0	Perform php and HTML integration components at apache server.	Angie Angarita Soto	11/19/2011	11/20/2011
<input type="checkbox"/>	Generate preliminary Css styles and Js for html forms in Administrator sit	Done	0	It is required to generate a preliminary version of html forms and styles at Administrator web application.	Angie Angarita Soto	11/13/2011	11/20/2011

<input type="checkbox"/>	Integrate Html with PHP component localy_1	Done	0	Perform php and HTML integration components at web localhost.	Angie Angarita Soto	11/19/2011	11/20/2011
<input type="checkbox"/>	Generate preliminary Css styles and Js for html forms in User site	Done	0	It is required to generate a preliminary version of html forms and styles at user web application.	Angie Angarita Soto	11/13/2011	11/20/2011
! 336 - Administrator role must be present - 1 - Done							
<input type="checkbox"/>	Admin	Done	0	Administrator system usage is different from other users, so it should be present in the system.	Usman Alam	11/19/2011	11/20/2011
! 337 - Enabling other users accounts - 2 - Done							
<input type="checkbox"/>	Later reviewing	Done	0	New account for non registered user can be made and enabled in users name so he/she gets only credentials and personal information on email	Usman Alam	11.7.2011	11/20/2011
<input type="checkbox"/>	Admin rights	Done	0	When user requests for registration with registration form, administrator can approve or not this account	Usman Alam	11/19/2011	11/20/2011
! 350 - Defining other users subscriptions - 3 - Done							

<input type="checkbox"/>	Admin rights	Done	0	Administrator should be able to define which sensors and GSN server can one user see	Usman Alam	11/19/2011	11/20/2011
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[347 - Having ability to enable or decline all other users subscriptions - 3 - Done](#)

<input type="checkbox"/>	Admin rights	Done	0	Admin should be presented with user subscriptions (approved and on hold) and decide on actions regarding them,	Usman Alam	11/19/2011	11/20/2011
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[338 - Making data archive for later viewing – ETL - 13 - Done](#)

<input type="checkbox"/>	Fact table - periodical data	Done	0	Gathering data from GSN on periodical basis. This process should be automatic	Ante Ivanković	11.7.2011	11/20/2011
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<input type="checkbox"/>	Fact tables - on request	Done	0	Adding data into table readings for testing on request	Ante Ivanković	11/19/2011	11/20/2011
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[334 - Database should contain all the sensors data which currently the system supports - 3 - Done](#)

<input type="checkbox"/>	Making add_sensors script universal	Done	0	ETL process for extracting data about sensors on a certain GSN has to be universal in a way that information for a certain GSN has to be read from database	Ante Ivanković	11/13/2011	11/20/2011
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<input type="checkbox"/>	Sensor data	Done	0	When new GSN is presented, information regarding sensors should be acquired	Ante Ivanković	11.7.2011	11/20/2011
<input type="checkbox"/>	Add sensor script modification	Done	0	Admin will have privilege of adding only selected sensors from GSN to warehouse	Ante Ivanković	11/19/2011	11/20/2011
! 320 - Sending SMS to user as alarm - 3 - Done							
<input type="checkbox"/>	SMS virtual sensors	Done	0	Sensor that sends SMS notification should be developed	Matija Renić	11.6.2011	11/20/2011
<input type="checkbox"/>	XML development	Done	0	XML that is strictly defined should be created as it will later be added from web interface with defined parameters	Matija Renić	11/19/2011	11/20/2011
! 343 - Sending email to user as alarm - 1 - Done							
<input type="checkbox"/>	Email virtual sensor	Done	0	Making virtual sensor that sends email.	Matija Renić	11.6.2011	11/20/2011
<input type="checkbox"/>	XML development	Done	0	Making XML that needs to be deployed in GSN from our interface. XML should be well defined so we can develop user interface for that information	Matija Renić	11.8.2011	11/20/2011
! 346 - There must be a possibility of adding new GSN server to the database - 2 - Done							

<input type="checkbox"/>	Edit and delete GSN	Done	0	Admin should able to edit the GSN data including GSN credentials, IP details etc.	Vallu Sreehari	11/19/2011	11/20/2011
<input type="checkbox"/>	GSN server adding	Done	0	Procedure for adding GSN server should be present, as this needs to be developed on web interface	Vallu Sreehari	11/17/2011	11/20/2011
<input type="checkbox"/>	List GSN	Done	0	Admin should able to see the list of all GSN's available and their data like ip of a particular GSN, username etc.,	Vallu Sreehari	11/19/2011	11/20/2011
! 335 - Table view of the data needs to be available - 8 - Done							
<input type="checkbox"/>	Table view	Done	0	Making table view of the data previously acquired	Usman Alam	11/19/2011	11/20/2011
! 321 - Site should have a menu and menu contents should be generate report, view data and view graph etc. - 2 - Done							
<input type="checkbox"/>	Sensors	Done	0	User should be able to see all the sensors available to him	Usman Alam	11/19/2011	11/20/2011
<input type="checkbox"/>	Reports generating	Done	0	Possibility for report generating, or sending, should be provided	Usman Alam	11/19/2011	11/20/2011
<input type="checkbox"/>	Data viewing	Done	0	Graphical and table data view should be available from an option	Usman Alam	11/19/2011	11/20/2011
! 352 - Subscription to sensors that are available to the user - 5 - Done							

<input type="checkbox"/>	Subscribing to sensors	Done	0	User should be able to put his request on hold until admin approves it.	Usman Alam	11/19/2011	11/21/2011
!							
318 - Subscribing to alarming via email - 3 - Done							
<input type="checkbox"/>	Email subscribing	Done	0	User should provide his information regarding sensor he wants to subscribe, and his/hers information where data should be sent	Usman Alam	11/19/2011	11/21/2011
<input type="checkbox"/>	Possibility 2	Done	0	Critical value should be inserted as "greater then value".	Usman Alam	11/20/2011	11/21/2011
<input type="checkbox"/>	Possibility 1	Done	0	Critical value should be inserted as "less then value".	Usman Alam	11/20/2011	11/21/2011