



Database and Information Systems Lab

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Servlet API for Android Assignment

Servlet API for Android Assignment

Servlet - API

On invoking a servlet, the method (GET/POST) of a servlet returns a single JSON object containing the following fields :

status : "true" on success, or "false" on error
message : string with error message; present only in case of error.
data : json array or object containing result of servlet invocation; present only in case of success.

Servlet name : login

Parameters : id, password

Method : POST

Returns : json object with attributes :

status : "true" on success, or "false" on error
message : string with error message; present only in case of error.
data : json object with attribute id, containing the authenticated id

Servlet name : register

Parameters : id

Method : POST

Returns : json object with attributes :

status : "true" on success, or "false" on error
message : string with error message; present only in case of error.
data : json array of objects, each object containing attributes
course_id, sec_id, title, dept_name, credits
listing the courses taken by student with ID id in current year/semester.

Servlet name : AddDelete

Parameters : id, requestType ("add"/"delete"), course_id, sec_id

Method : POST

Returns : json object with attributes :

status : "true" on success, or "false" on error
message : string with error message; present only in case of error.
data : json array of objects, each object containing attributes
course_id, sec_id, title, dept_name, credits

(after adding or deleting the course with given course_id and sec_id).

Navigation

Administration

Servlet name : courses

Parameters : id

Method : POST

Returns : json object with attributes :

status : "true" on success, or "false" on error

message : string with error message; present only in case of error

data : json array of objects, each object containing attributes
course_id, sec_id, title, dept_name, credits

listing the courses not taken by student with ID id but are being offered in
current year/semester. This list can be used for implementing autocomplete feature.

Servlet name : browseCourses

Parameters : _

Method : GET

Returns : json object with attributes :

status : "true" on success, or "false" on error

message : string with error message; present only in case of error.

data: json array of objects, each object with attribute dept_name
List of departments to browse courses in a particular dept.

Servlet name : browseCourses

Parameters : dept (department chosen while browsing courses)

Method : POST

Returns : json object with attributes :

status: "true" on success, or "false" on error

message : string with error message; present only in case of error.

data : json array of objects, each object with attribute dept_name
List of departments to browse courses in a particular dept.

datanext : json array of objects, each object containing attributes
course_id, sec_id, title, credits

listing the courses not taken by student with ID id but are being offered by the
department
dept in current year/semester.

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You are logged in as TEJESH RAUT (Log out)

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