

Bill Voting System

System requirement

- pentium m or above
- 1 gb or above
- Hdd size minimum of 10gb.

Installation guide.

1. install [nodejs](#)
2. Install [Postgresql](#) (any of GUI's works)
3. Install [postman](#)
4. Create database name's as you see fit
 - Billvotingsystem - for development
 - Test-billvotingsystem - for running test
5. open code in your favourite text editor
6. Locate .env.example file
 - Remove the .example part and edit accordingly replace with the environment variables.
7. Enter project directory with terminal or command prompt.
 - To migrate the db tables.
 - Run
 - npm run migrate
 - To undo migration
 - npm run undo
 - Lastly run
 - npm install
 - npm run dev:server - to start the application.
 - Use postman to test application.
 - application will run on port 9001 unless changed.
 - routes

API routes

Request type	Route localhost:9001	Expected data	Expected response
POST	/api/v1/signin	{ identifier: string:required, password: string:required }	{ message: string, userDetials: object, token: string statusCode: 200 }

POST	/api/v1/signup	{ username: string:required email: string:required password: string:required firstname: string lastname: string }	{ message: string, newUser: object, token: string statusCode: 201 }
POST	/api/v1/bill/create	{ title: string:required description: string:required }	{ message: string, newBill: object statusCode: 201 }
POST	/api/v1/bill/vote/:billId /:voteValue	Pass <ul style="list-style-type: none"> • billid • voteValue [For, Against] as params 	{ message: string statusCode: 200 }
PATCH	/api/v1/bill/edit/:billId	Bill id as params { title: string:required description: string:required billProgress: string }	{ message: string, updatedBill: object statusCode: 200 }
DELETE	/api/v1/bill/delete/:billId	Bill id as params	{ message: object statusCode: 200 }
GET	/api/v1/bills/	-	{ allBills: object statusCode: 200 }
GET	/api/v1/bills?search= value	Value - bill title or description	{ allBills: object statusCode: 200 }

GET	/api/v1/bills/vote	-	{ allVotedBills: object statusCode: 200 }
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- to run tests
 - `NODE_ENV=test npm test` to run test cases.