

ITIS 5166

Network-Based Application Development

Schema Validation

Validators

- Validators are rules defined in schemas
- Mongoose has several built-in validators
- All SchemaTypes have the required validator
 - The field must be provided if required is set to true
- Numbers have min and max validators
- Strings have the following validators
 - enum: specifies the set of allowed values for the field.
 - match: specifies a regular expression that the string must match
 - minLength and maxLength

Validation on Insert

- By default, documents are validated before they are saved to the database
- Before saving a document, the `validate()` method is called, which checks the validation rules
 - if a validation rule is violated, save is aborted and the error is returned
 - otherwise, the document will be inserted in the database
- You can set a schema's `validateBeforeSave` to false to bypass validation

Validation on update

- Mongoose also supports validation for update operations.
- Update validators are off by default, and can be turned on by setting `runValidators` to `true` when calling update methods

[Validation](#)

Demo: Mongoose Validator