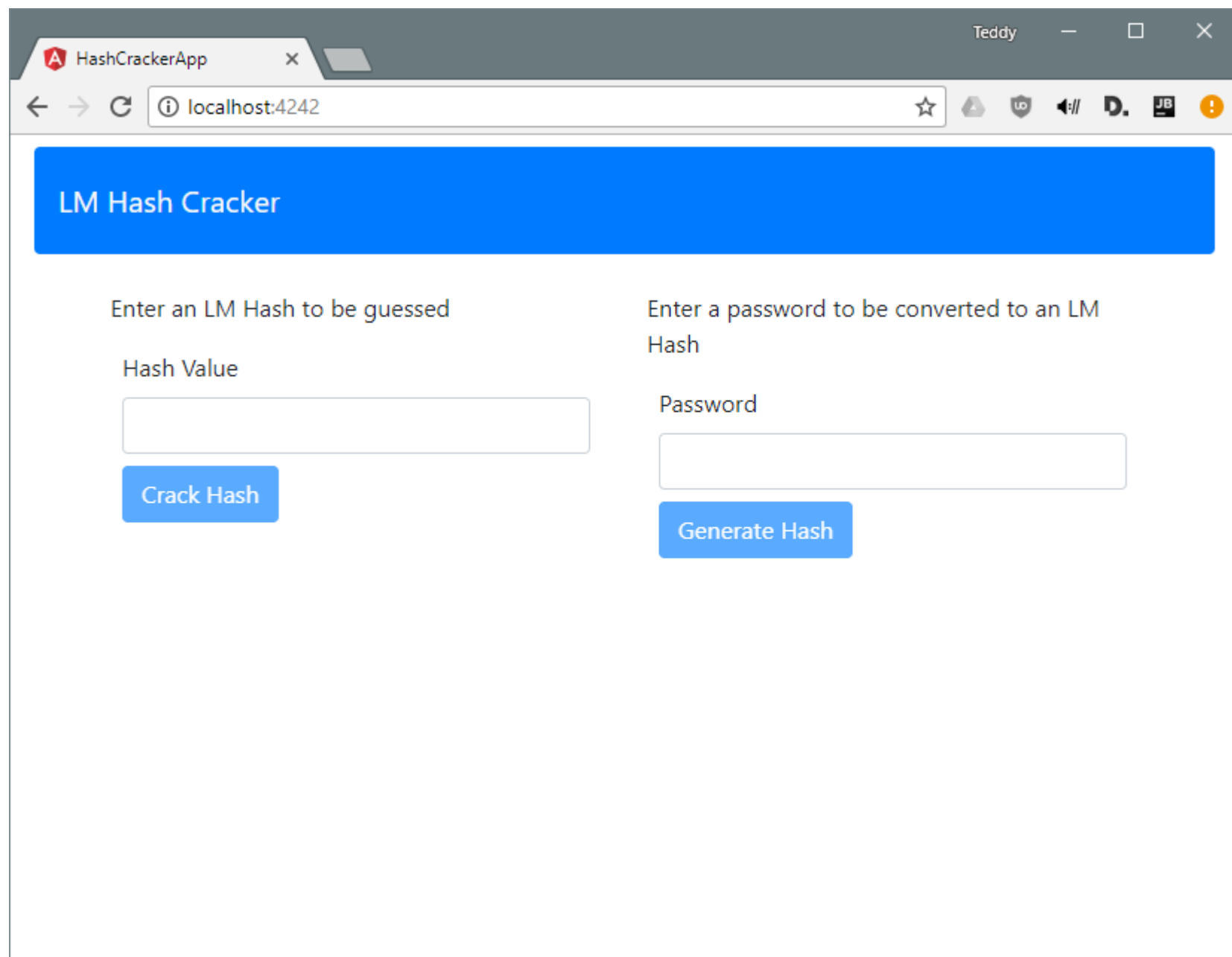


# Initial Screen



The screenshot shows a web browser window with the title 'HashCrackerApp' and a single tab. The address bar displays 'localhost:4242'. The page content is titled 'LM Hash Cracker' in a blue header. Below the header, there are two main sections. The left section is titled 'Enter an LM Hash to be guessed' and contains a text input field labeled 'Hash Value' and a blue button labeled 'Crack Hash'. The right section is titled 'Enter a password to be converted to an LM Hash' and contains a text input field labeled 'Password' and a blue button labeled 'Generate Hash'.

HashCrackerApp x

localhost:4242

## LM Hash Cracker

Enter an LM Hash to be guessed

Hash Value

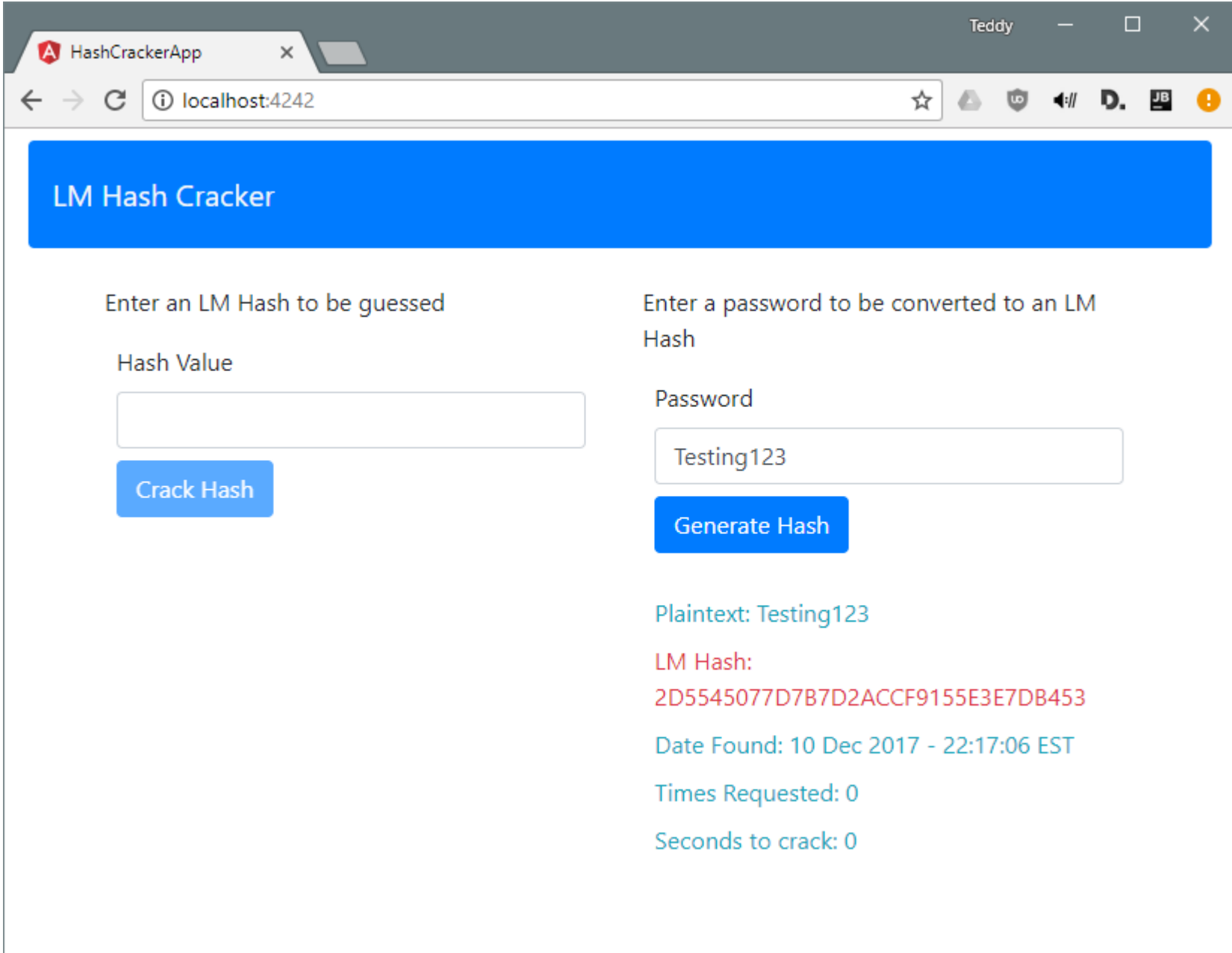
Crack Hash

Enter a password to be converted to an LM Hash

Password

Generate Hash

# Generating a password



The screenshot shows a web browser window with the title 'HashCrackerApp' and the address 'localhost:4242'. The page has a blue header with the text 'LM Hash Cracker'. Below the header, there are two main sections. The left section is titled 'Enter an LM Hash to be guessed' and contains a text input field labeled 'Hash Value' and a blue button labeled 'Crack Hash'. The right section is titled 'Enter a password to be converted to an LM Hash' and contains a text input field labeled 'Password' with the value 'Testing123' and a blue button labeled 'Generate Hash'. Below the 'Generate Hash' button, the following information is displayed: 'Plaintext: Testing123', 'LM Hash: 2D5545077D7B7D2ACCF9155E3E7DB453', 'Date Found: 10 Dec 2017 - 22:17:06 EST', 'Times Requested: 0', and 'Seconds to crack: 0'.

HashCrackerApp

localhost:4242

## LM Hash Cracker

Enter an LM Hash to be guessed

Hash Value

Crack Hash

Enter a password to be converted to an LM Hash

Password

Generate Hash

Plaintext: Testing123

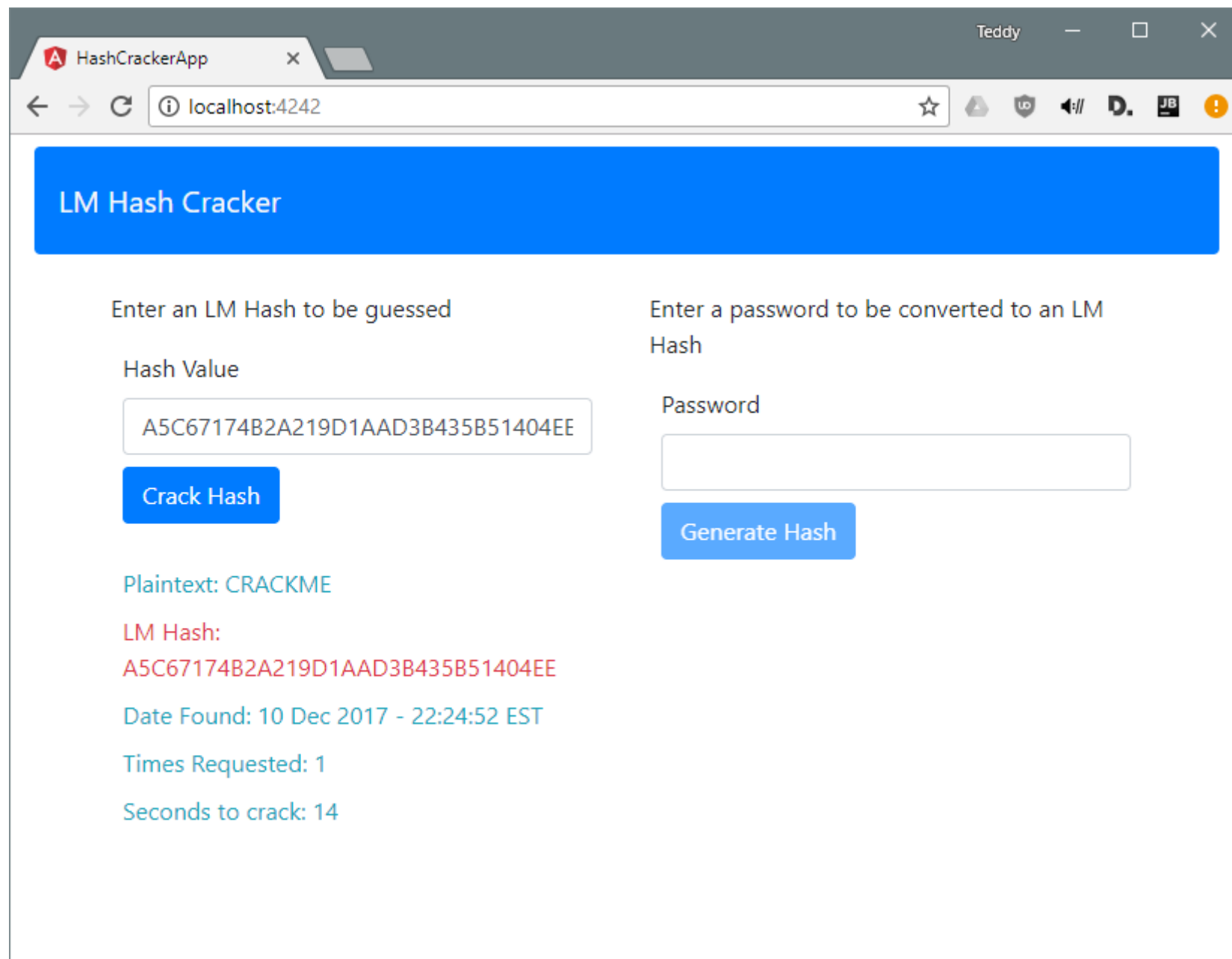
LM Hash:  
2D5545077D7B7D2ACCF9155E3E7DB453

Date Found: 10 Dec 2017 - 22:17:06 EST

Times Requested: 0

Seconds to crack: 0

# Finding a password from LM Hash



The screenshot shows a web browser window with the title 'HashCrackerApp'. The address bar shows 'localhost:4242'. The page has a blue header with the text 'LM Hash Cracker'. Below the header, there are two main sections. The left section is titled 'Enter an LM Hash to be guessed' and contains a text input field with the value 'A5C67174B2A219D1AAD3B435B51404EE' and a blue button labeled 'Crack Hash'. The right section is titled 'Enter a password to be converted to an LM Hash' and contains a text input field and a blue button labeled 'Generate Hash'. Below the 'Crack Hash' button, the results are displayed: 'Plaintext: CRACKME' in blue, 'LM Hash:' in red, followed by the hash value 'A5C67174B2A219D1AAD3B435B51404EE' in red, 'Date Found: 10 Dec 2017 - 22:24:52 EST' in blue, 'Times Requested: 1' in blue, and 'Seconds to crack: 14' in blue.

HashCrackerApp

localhost:4242

## LM Hash Cracker

Enter an LM Hash to be guessed

Hash Value

A5C67174B2A219D1AAD3B435B51404EE

Crack Hash

Plaintext: CRACKME

LM Hash:

A5C67174B2A219D1AAD3B435B51404EE

Date Found: 10 Dec 2017 - 22:24:52 EST

Times Requested: 1

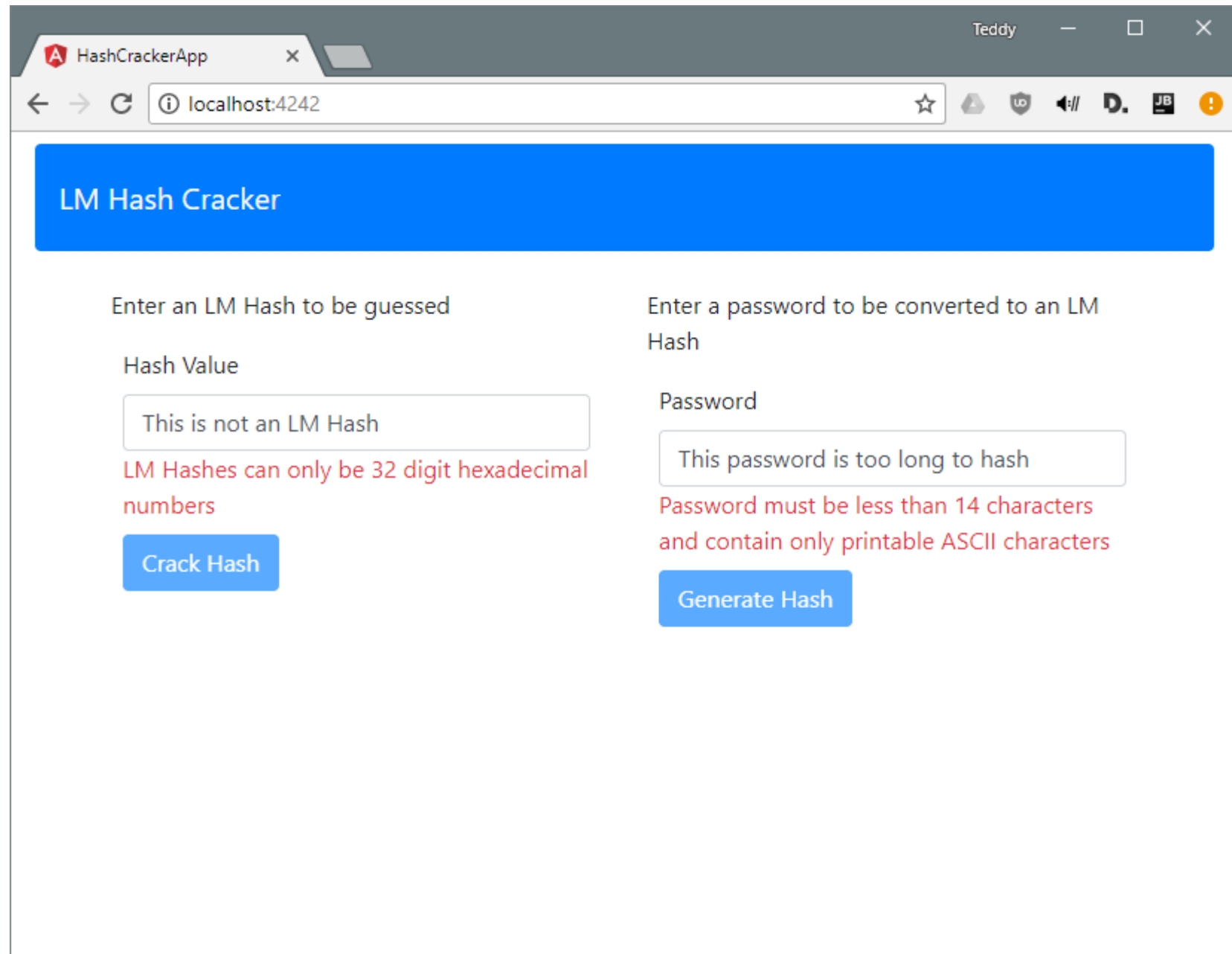
Seconds to crack: 14

Enter a password to be converted to an LM Hash

Password

Generate Hash

# Form Validation



The screenshot shows a web browser window titled "HashCrackerApp" with the address bar displaying "localhost:4242". The page has a blue header bar with the text "LM Hash Cracker". Below the header, there are two columns of input fields. The left column is titled "Enter an LM Hash to be guessed" and contains a "Hash Value" input field with the error message "This is not an LM Hash" and a red text note "LM Hashes can only be 32 digit hexadecimal numbers". Below this is a blue "Crack Hash" button. The right column is titled "Enter a password to be converted to an LM Hash" and contains a "Password" input field with the error message "This password is too long to hash" and a red text note "Password must be less than 14 characters and contain only printable ASCII characters". Below this is a blue "Generate Hash" button.

HashCrackerApp x

localhost:4242

LM Hash Cracker

Enter an LM Hash to be guessed

Hash Value

This is not an LM Hash

LM Hashes can only be 32 digit hexadecimal numbers

Crack Hash

Enter a password to be converted to an LM Hash

Password

This password is too long to hash

Password must be less than 14 characters and contain only printable ASCII characters

Generate Hash

# Handling API Errors

HashCrackerApp

localhost:4242

LM Hash Cracker

Enter an LM Hash to be guessed

Hash Value

AAD3B435B51404EEAAD3B435B51404EE

Crack Hash

Enter a password to be converted to an LM Hash

Password

Generate Hash

Error: NOT\_FOUND

Reason: The provided hash could not be cracked. Charset of table: [a-z][A-Z][0-9]

Details: An exception occurred trying to crack the hash

AAD3B435B51404EEAAD3B435B51404EE:  
the file output by Ophcrack was empty