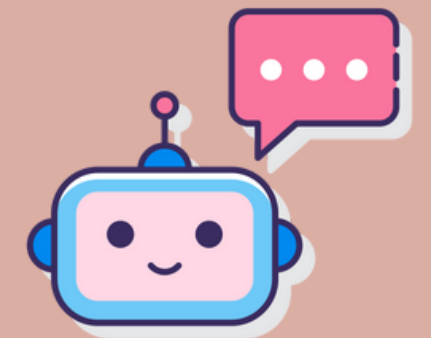
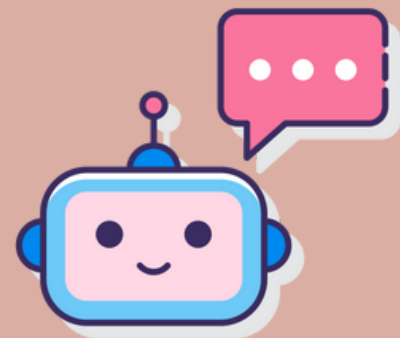


A QUESTION-ANSWERING SYSTEM ABOUT COVID

FIT3162 Computer Science
Final Presentation

Presented by: MCS15

Group Members: Chan Wai Han, Nawwaf Ali, Ooi Yi Sen, Yeonsoo Kim




CONTENTS

- **Project outcomes**
- **Methodology used**
- **Software deliverables**
- **Project Management and methodology used**
- **Discussion**
- **Possible future work**
- **References**

Software Deliverables: Main input and output (QnA)

Input:

Output:

temperature

Here are the information that we have related to **"temperature"**.
Please type in the Question ID that you are interested in into the chat to view the full answer to the question.

Question ID: EQ002
Question Text: how does the coronavirus respond to changes in the weather

Question ID: EQ005
Question Text: what drugs have been active against SARS-CoV or SARS-CoV-2 in animal studies?

Question ID: CQ002
Question Text: how does the coronavirus respond to changes in the weather

eq002

Question ID: EQ002
Question Text: how does the coronavirus respond to changes in the weather

Answer Text: *Temperature and relative humidity are major factors determining virus inactivation in the environment. Temperature and relative humidity have been shown to impact the kinetics of inactivation of coronaviruses. Increased temperatures have been shown to increase the rate of the inactivation, and decreased relative humidity have been associated with a reduction of coronaviruses inactivation rate on surfaces. Inactivation rates were lower in suspensions compared to surfaces in studies that tested both suspensions and surfaces at similar temperatures. Hence, the prediction of the persistence of SARS-CoV-2 on fomites is essential to investigate the importance of contact transmission.*

Software Deliverables: Main input and output (Repository)

Input:

HOME

Q&A

REPOSITORY

ABOUT US

Repository

temperature

Q

Output:

HOME	Q&A	REPOSITORY	ABOUT US
<div><div>Repository</div><div><div>temperature</div><div>Q</div></div></div>			
q_text	answer_text		
how does the coronavirus respond to changes in the weather	Temperature and relative humidity are major factors determining virus inactivation in the environment. Temperature and relative humidity have been shown to impact the kinetics of inactivation of coronaviruses. Increased temperatures have been shown to increase the rate of the inactivation, and decreased relative humidity have been associated with a reduction of coronaviruses inactivation rate on surfaces. Inactivation rates were lower in suspensions compared to surfaces in studies that tested both suspensions and surfaces at similar temperatures. Hence, the prediction of the persistence of SARS-CoV-2 on fomites is essential to investigate the importance of contact transmission.		
how does the coronavirus respond to changes in the weather	It is not yet known whether weather and temperature affect the spread of COVID-19. Some other viruses, like those that cause the common cold and flu, spread more during cold weather months but that does not mean it is impossible to become sick with these viruses during other months. There is much more to learn about the transmissibility, severity, and other features associated with COVID-19 and investigations are ongoing.		

THANK YOU

