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### DIGITAL TRANSFORMATION, COOPERATION AND GLOBAL INTEGRATION IN THE NEW NORMAL

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## TABLE OF CONTENT

### APPLICATION OF TECHNOLOGY AND BIG DATA IN THE FIELDS OF FINANCE, ACCOUNTING AND AUDITING IN THE CONTEXT OF GLOBALIZATION

BANK RUN AND SILICON VALLEY BANK .....	1
Lam Dang Xuan Hoa, Ho Minh Khoa, Huynh Vo Nhat Linh .....	1
BIG DATA AND INTELLECTUAL PROPERTY RIGHTS.....	14
Le Thi Minh, Vo Trung Hau .....	14
THE EFFICIENCY OF THE INTERNAL CONTROL SYSTEM IN RISK MANAGEMENT AT THE NAM A COMMERCIAL JOINT STOCK BANK .....	23
Truong Thanh Loc, Tran Ngoc Thanh.....	23
VIETNAM - AUSTRALIA ECONOMIC AND TRADE COOPERATION IN THE NEW NORMAL: OPPORTUNITIES AND CHALLENGES FOR VIETNAMESE INVESTORS.....	30
Nhu Nguyen Phuc Quynh*, Anh Nguyen Thi Nguyet, Duy Nguyen Anh .....	30
IMPACTS OF CREDIT GROWTH AND CREDIT RISK ON THE PROFIT OF VIETNAM JOINT STOCK COMMERCIAL BANKS .....	43
Dao Le Kieu Oanh*, Tran Thi Huong Ngan .....	43
FACTORS AFFECTING CUSTOMERS' DECISIONS TO USE E-BANKING AT JOINT STOCK COMMERCIAL BANKS IN HO CHI MINH CITY .....	57
Nguyen Duy Khanh <sup>1</sup> , Pham Quoc Tham <sup>2</sup> .....	57
HOW CHINA_USA POLITICAL TENSIONS AFFECT STOCK MARKET RETURN OF CHINA AND THE USA? A QUANTILE VAR CONNECTEDNESS APPROACH .....	70
Hao Wen Chang <sup>1</sup> , Tsangyao Chang <sup>2</sup> and Mei-Chih Wang <sup>3</sup> .....	70
BANKING HUMAN RESOURCES BEFORE THE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE AI .....	92
Nguyen Huynh Chi.....	92
IMPROVE THE QUALITY OF TRAINING THROUGH IMPROVEMENT OF STUDENT TESTING AND ASSESSMENT – CASE IN ACCOUNTING BRANCH, UNIVERSITY OF ECONOMICS AND FINANCE .....	102
Thuy Thi Ha .....	102
ACTIVITIES OF DIGITAL TRANSFORMATION IN VIETNAMESE COMMERCIAL BANKS: AN OVERVIEW DURING THE COVID-19 RECOVERY PERIOD.....	109
Nguyễn Thị Quỳnh Châu, Đào Lê Kiều Oanh .....	109
OPPORTUNITIES AND CHALLENGES FOR VIETNAM IN ATTRACTIVE FDI IN GLOBAL MINIMUM CORPORATE TAX IMPLEMENTATION .....	117
Ngo Hoang Thong .....	117

## **DIGITAL ECONOMY IN VIETNAM, TRENDS AND POTENTIABILITY**

DEVELOPING SMART HOME MODEL FOR APARTMENTS IN HO CHI MINH CITY BASED ON INTERNET OF THINGS (IoT) TECHNOLOGY .....	182
Dang Thanh Thuy <sup>1</sup> , Nguyen Thanh Dien <sup>2</sup> .....	182
TRANSPARENCY OF ACCOUNTING INFORMATION OF CONSTRUCTION ENTERPRISES IN HO CHI MINH CITY – CASE STUDY OF APPLICATION OF ACCRUAL ACCOUNTING .....	193
Truong Thanh Loc <sup>1*</sup> , Pham Thi Yen Nhi <sup>2</sup> .....	193
FACTORS AFFECTING THE QUALITY OF FINANCIAL STATEMENTS OF MANUFACTURING ENTERPRISES IN HO CHI MINH CITY .....	207
Truong Thanh Loc <sup>*</sup> , Dang Nguyen Tuong Han, Nguyen Ngoc Mai Phuong, Nguyen Thi Quynh Huong .....	207
THE CRITICAL FACTORS OF COLLEGE STUDENTS' INTENTION TO USE METAVERSE TECHNOLOGY FOR SUBJECTS RELATED TO IMPORT-EXPORT LEARNING .....	221
Van Thuy Nguyen Ho, Chau The Huu, Luan Thanh Nguyen <sup>*</sup> .....	221
CONSUMER PERCEPTION ABOUT THE SUSTAINABILITY COMMITMENT OF LUXURY BRANDS IN VIETNAM AND CHINA MARKETS.....	233
Tran Minh Tu <sup>1</sup> .....	233
INFLUENCE OF WOM AND EWOM IN MAKING DECISION BUYING GOODS .....	247
Doan Anh Tu <sup>1</sup> , Kim Phi Rum <sup>2</sup> , Nguyen Pham Hai Ha <sup>3</sup> .....	247
DIGITAL ECONOMY AND DEVELOPMENT POTENTIAL IN VIETNAM.....	257
Hoang Thi Chinh, Nguyen Hoang Phan .....	257
BLOCKCHAIN APPLICATION IN MODERN LOGISTICS: INTERNATIONAL EXPERIENCE AND SOME RECOMMENDATIONS FOR VIETNAM .....	266
Nguyen Nu Tuong Vi.....	266
FACTORS AFFECTING THE DEVELOPMENT OF THE DIGITAL ECONOMY IN VIETNAM .....	272
Vo Tien Si .....	272
LEGAL FRAME FOR THE OPERATION OF THE REAL ESTATE BUSINESS UTILIZING THE BLOCKCHAIN PLATFORM IN VIETNAM.....	284
Le Thi Khanh Linh.....	284

## **DIGITAL TRANSFORMATION – COOPERATION – GLOBAL INTEGRATION IN BUSINESS**

FACTORS INFLUENCING BUSINESS ACCEPTANCE OF INDUSTRY 4.0 TECHNOLOGY APPLICATIONS IN DONG NAI PROVINCE.....	291
Thanh-Thu Vo*, Minh-Huong Tang.....	291
DIGITAL ORIENTATION, INNOVATION CAPABILITY AND FIRM PERFORMANCE: A PROPOSAL RESEARCH MODEL .....	298
Nguyen Van Hau .....	298
PREDICTION OF STUDENT'S BEHAVIORAL INTENTION TO USE SMART LEARNING ENVIRONMENT: A COMBINED MODEL OF SELF-DETERMINATION THEORY AND TECHNOLOGY ACCEPTANCE .....	309
Nguyen Thi Hai Binh <sup>1</sup> , Dao Y Nhi <sup>2</sup> , Nguyen Thanh Luan <sup>3</sup> , Dang Quan Tri <sup>4</sup> .....	309
THE PEDAGOGICAL IMPACT OF GRAMMARLY ON EFL WRITING COMPETENCY: AN EMPIRICAL INVESTIGATION IN HIGHER EDUCATION CONTEXT. ....	323
Nguyen Thi Hong Lien <sup>1</sup> , Nguyen Truong Gia Minh <sup>2</sup> , Nguyen Ngoc Vu <sup>3*</sup> .....	323
FACTORS AFFECTING PURCHASING DECISION OF THE YOUTH ON TIKTOK .....	336
Ngoc Pham <sup>1</sup> , Thanh Cong Tran*.....	336
FACTORS AFFECTING OCCUPATIONAL SAFETY BEHAVIORS OF WORKERS DIRECT PRODUCTION AT CU CHI POWER COMPANY.....	345
Minh Luan Le, Thi Trang Tran.....	345
CORPORATE SOCIAL RESPONSIBILITY AND EMPLOYEES' ORGANIZATIONAL CITIZENSHIP BEHAVIOUR.....	355
Nguyen Xuan Hung <sup>1</sup> , Ha Le Thu Hoai <sup>1</sup> , Nguyen Huu My Truc <sup>2&amp;3</sup> , Pham Tan Nhat <sup>2&amp;3</sup> .....	355
THE INNOVATION CAPACITY - THE ROLE OF LEADERS OF SMALL AND MEDIUM ENTERPRISES IN HO CHI MINH CITY, VIETNAM.....	365
Huynh Nhut Nghia .....	365
PEOPLE'S THOUGHTS ON THE IMPACT OF ARTIFICIAL INTELLIGENCE ON BUSINESS .....	376
Ton Nguyen Trong Hien, Bui Tuyet Anh .....	376
FACTORS AFFECTING BRAND SWITCHING INTENTION IN THE CONTEXT OF HIGHER EDUCATION IN VIETNAM .....	382
Ly Dan Thanh, Nguyen Phu Quoi, Tran Hoang Nam, Vo Hong Son, Nguyen Ngoc Thuy Tien .....	382
ENHANCE THE DIGITAL COMPETITIVENESS .....	398
Tran Quang Canh, Hoang Thi Chinh.....	398

ASSESSING PATIENT SATISFACTION (BRAND) AFTER THE COVID-19 PANDEMIC AT THU DUC CITY HOSPITAL.....	408
Nguyen Hoang Dung <sup>1*</sup> , Nguyen Huynh Bao An <sup>2</sup> , Van Phuong Trang <sup>2</sup> .....	408
INDUSTRIAL AND HUMAN RESOURCES FORM THE FOUNDATION FOR BINH DUONG'S SUSTAINABLE ECONOMIC DEVELOPMENT .....	408
Hoang-An Nguyen .....	417
IMPACT OF ORGANIZATIONAL FAIRNESS ON THE EMPLOYEES' KNOWLEDGE SHARING IN TRAVEL AND TOURISM ENTERPRISES IN HO CHI MINH CITY .....	426
Le Thi Nhu Quynh <sup>1,2</sup> , Le Thi Giang <sup>2</sup> , Truong Quang Dung <sup>1</sup> .....	426
THE EFFECT OF PERSONAL MOTIVATION ON THE TACIT KNOWLEDGE SHARING BEHAVIOR OF 5-STAR HOTELS' EMPLOYEES IN HO CHI MINH CITY .....	440
Le Thi Giang, Nguyen Bach Hoang Phung.....	440
DIGITAL COMPETITIVENESS AND OPERATIONAL EFFICIENCY OF ENTERPRISES IN THE DIGITAL ERA: THE CASE OF VIETNAMESE ENTERPRISES .....	453
Diep Nguyen Thi Ngoc <sup>1*</sup> , Canh Quang Tran <sup>2</sup> , Anh Bach Hoang Ngoc <sup>1</sup> .....	453
FACTORS INFLUENCING PARENTS' SELECTION OF PRIVATE PRESCHOOLS IN THU DUC CITY .....	466
Thi-Trang Tran <sup>1</sup> , Thi-My-Dung Pham <sup>2</sup> , Thi-Bich-Diep Le <sup>1*</sup> .....	466

## **RECOVERY COMMUNICATIONS IN THE TOURISM AND HOSPITALITY INDUSTRY AFTER THE COVID-19 PANDEMIC**

DEVELOPING A SPIRITUAL TOURISM DESTINATION IMAGE MEASUREMENT SCALE OF AN GIANG .....	474
Nguyen Vuong Hoai Thao <sup>1</sup> , Nguyen Quyet Thang <sup>2</sup> .....	474
PROSPECTS OF VIRTUAL REALITY TOURISM APPLICATION IN VIETNAM TOURISM PROMOTION .....	487
Nguyen Thi Hong Ha, Pham Thi Huong Giang.....	487
PERSONALIZATION TRAVEL TRENDING IN HO CHI MINH CITY IN THE CONTEXT OF POST COVID-19 .....	497
Duong Bao Trung.....	497
IMPACTS OF MEDIA ON CUSTOMERS' DECISION TO CHOOSE FOOD AND BEVERAGE SERVICES POST THE COVID-19 PANDEMIC .....	511
Nguyen Thi Bich Van .....	511
DIGITAL TRANSFORMATION APPLICATION TO PROMOTE THE RECOVERY AND DEVELOPMENT OF INBOUND TOURISM IN HO CHI MINH CITY .....	521
Tran Trong Thanh .....	521
VIETNAM TOURISM AFTER COVID-19 PANDEMIC .....	527
Nguyen Hoang Phan <sup>1</sup> , Hoang Thi Chinh <sup>2</sup> .....	527
NAVIGATING THE EVOLVING LANDSCAPE OF SOCIAL MEDIA DATA MINING AND PRIVACY .....	537
Pham Thai Hien .....	537
THE CORRELATION BETWEEN STUDENT SELF-REPORTED GENERAL WELL-BEING AND PERCEIVED SUPPORT FROM FRIENDS, TEACHERS, AND UNIVERSITY .....	545
Virginia Kelsey <sup>1</sup> , Đặng Thị Mai Ly <sup>2*</sup> , Nguyễn Anh Khoa <sup>2</sup> , Nguyễn Văn Tường <sup>2</sup> .....	545

## **DIGITAL VERSUS NON- DIGITAL**

PROVIDING CONVENIENCE TO CUSTOMERS IN THE DIGITAL MARKETING ERA: OBSERVATIONS FROM COMMERCIAL BANKS IN HO CHI MINH CITY .....	556
Nguyen Quang Trung .....	556
VIRTUAL REALITY: AN INNOVATIVE TOOL IN TOURISM EXPERIENTIAL MARKETING .....	564
Thanh Nguyen Ngoc Le <sup>1</sup> , Khuong Thanh Nguyen <sup>2</sup> .....	564
THEORETICAL CONCEPTS OF STRATEGIC POSITIONING FOR PLACE BRANDING: A CASE STUDY OF DONG THAP PROVINCE .....	580
Phan Bao Giang.....	580
LITERATURE REVIEW ON THE IMPACT OF DIGITAL MARKETING ON VIETNAM'S SMALL AND THE MEDIUM BUSINESS ENTERPRISES (SMEs) .....	587
Lê Kim Nguyên * .....	587

## **CHALLENGES FACED BY TEACHERS IN NON-TRADITIONAL EDUCATION**

PROPOSE AN ONLINE TEACHING COMPETENCE SCALE FOR UNIVERSITY LECTURERS .....	596
Duong Thi Kim Oanh*, Dang Thi Dieu Hien .....	596
EXAMINE USAGE OF LEARNING MANAGEMENT SYSTEMS (LMSS) BY FACULTY STAFF AT UNIVERSITY OF ECONOMICS (UEF) AND FINANCE WITH EXPANDED TECHNOLOGY ACCEPTANCE MODEL (TAM).....	608
Ha Truong Minh Hieu, Ngo Minh Hai*, Mach Tran Huy.....	608



## **DIGITAL TRANSFORMATION AN INDISPENSABLE EVOLUTION FOR SUSTAINABLE CORPORATES**

FACTORS AFFECTING THE APPLICATION OF STRATEGIC MANAGEMENT ACCOUNTING AT MANUFACTURING ENTERPRISES IN BINH DUONG PROVINCE .....	618
Truong Thanh Loc <sup>1*</sup> , Nguyen Thi Thanh Truc <sup>2</sup> .....	618
HRM DIGITAL TRANSFORMATION: TAKING A ROAD OF SUCCESSION PLANNING ..	629
Trương Phan Hoàng Anh, Giang Ngọc Anh.....	629
THE IMPLICATION OF CONTACTLESS SERVICE AS A TOOL TO IMPROVE CUSTOMER REVISIT INTENTION .....	640
Linh, Nguyen Duy Yen* .....	640
TOURISM BRAND LOVE IN THE DIGITAL AGE: THE ROLE OF ONLINE TOURIST EXPERIENCES, TOURIST-BRAND RELATIONSHIP QUALITY AND SUSTAINABILITY .....	651
Thanh Nguyen Ngoc Le .....	651
CONDUCTING FOCUS GROUPS IN CROSS-CULTURAL SCHOLARSHIP OF TEACHING AND LEARNING (SoTL): A COMPARATIVE CASE STUDY .....	662
Punithan Moganathas <sup>1</sup> , Jenny Hill <sup>2</sup> , Andy V.-M. Kok <sup>2</sup> , Matt Barr <sup>2</sup> , Ruffin Relja <sup>2*</sup> , Philippa Ward <sup>2</sup> , Duong Tran Quang Hoang <sup>3</sup> , Quynh Phuong Tran <sup>3</sup> .....	662
LEVERAGING DIGITAL TRANSFORMATION FOR SUSTAINABLE CORPORATE EVOLUTION IN VIETNAM .....	677
Nguyen,Tan Dat <sup>1</sup> , Le,Dinh Thang <sup>2</sup> .....	677

## INFORMATION TECHNOLOGY AND APPLICATIONS

FB-PROPHET MODEL FOR TIME SERIES FORECASTING IN SALES .....	691
Thanh Cong Tran .....	691
USING AI CODE IN C# PROGRAMMING .....	698
Nguyen Ha Giang.....	698
DETERMINANTS OF CONTINUANCE USAGE INTENTION OF MOBILE FOOD ORDERING APPLICATIONS (MFOAS) AMONG VIETNAMESE USERS: THE MEDIATING ROLE OF E- SATISFACTION .....	705
Lam Hoang Phuong <sup>1*</sup> , Nguyen Thi Kim Lien <sup>2</sup> , Tien Hung Nguyen <sup>3</sup> , Vinh Long Nguyen <sup>4</sup> .....	705
DECODING MARKETING INSIGHT: INSIGHT FROM OUTSIDE.....	718
Hoàng Thị Hằng, Trần Thành Công* .....	718
DIGITAL DISRUPTION AND DATA SECURITY: HOW FINTECH IS RESHAPING BANKING ...	724
Hoàng Văn Hiếu, Trần Ngọc Thiên Ngân.....	724

## **TRENDS AND ISSUES IN ENGLISH LANGUAGE EDUCATION AND RESEARCH**

EFL LEARNERS' ATTITUDES AND LEARNING ENGAGEMENT IN COMMUNICATIVE GAME-BASED GRAMMAR TEACHING .....	736
Nguyen Thi Thanh Huyen <sup>1</sup> , Tran Quoc Thao <sup>2</sup> .....	736
APPROACHES TO TEACHING L2 LISTENING:.....	749
CLOSING THE GAP BETWEEN REAL-LIFE AND CLASSROOM-BASED LISTENING .....	749
Luu Thi Mai Vy .....	749
DEFINING ROLES OF STUDENT ENGAGEMENT IN THE 21ST CENTURY LANGUAGE CLASSROOM .....	755
Ho Xuan Tien, Duong My Tham.....	755
EFL STUDENTS' ATTITUDES AND LEARNING INVESTMENT IN PORTFOLIO - BASED ENGLISH WRITING LEARNING: A LITERATURE REVIEW .....	763
Ly Gia Huy <sup>1</sup> , Tran Quoc Thao <sup>2</sup> .....	763
EXPLORING EFL LEARNER IDENTITIES IN PROJECT-BASED LANGUAGE LEARNING AT A HIGH SCHOOL IN AN GIANG PROVINCE .....	774
Nguyen Hong Thien <sup>1</sup> , Tran Quoc Thao <sup>2</sup> .....	774
THE VALUES OF SYNTACTIC COMPLEXITY IN ACADEMIC WRITING: A LITERATURE REVIEW .....	791
THE ISSUE OF AMBIGUITY IN THE ENGLISH LANGUAGE.....	801
Nguyen Dinh Tuan .....	801
RESEARCH PERSPECTIVES ON JUNIOR HIGH SCHOOL EFL STUDENTS' MOTIVATION IN ENGLISH LANGUAGE LEARNING .....	812
Huynh Thanh Nhon <sup>1</sup> , Tran Quoc Thao <sup>2</sup> .....	812
EXPLORING THE INFLUENCE OF WRITING ANXIETY ON VIETNAMESE ESL UNDERGRADUATES' WRITING PERFORMANCE: A QUANTITATIVE STUDY.....	821
Nguyen Ngoc Nguyen, Nguyen Hoang Phan.....	821
THE APPLICATION OF THE “FLIPPED CLASSROOM” MODEL IN TEACHING ENGLISH IN THE VIETNAMESE UNIVERSITY EDUCATION ENVIRONMENT .....	838
THE USE OF RESOURCE MANAGEMENT STRATEGIES IN EFLFLIPPED CLASSROOMS .....	847
Nguyen Quynh Thao Vy <sup>1,*</sup> , Duong My Tham <sup>2</sup> .....	847
INSIGHTS INTO ENGLISH MAJOR STUDENTS' USE OF PHRASAL VERBS IN ACADEMIC WRITING.....	860
Do Thi Thanh Thuy, Tran Quoc Thao .....	860

## **LAW IN THE CONTEXT OF INTERNATIONAL INTEGRATION**

LEGALISING INTELLECTUAL PROPERTY INFRINGEMENTS IN RUSSIA – A WAR TACTIC IN THE CONTEXT OF RUSSIA’S INVASION OF UKRAINE.....	869
Bui Thi Hong Ninh* .....	869
MODEL OF ASSET REGISTRATION WORLDWIDE AND LESSONS FOR VIETNAM IN IMPROVING ASSET REGISTRATION LAWS.....	880
Vu Anh Sao <sup>1,2</sup> , Nguyen Thi Xuan Mai <sup>2</sup> .....	880
LEGAL ISSUES ARISING FROM THE DEVELOPMENT, IMPLEMENTATION, AND USE OF ARTIFICIAL INTELLIGENCE (AI) - INTERNATIONAL EXPERIENCES AND LESSONS FOR VIETNAM .....	887
Le Hoang Minh Huy*, Nguyen Thi Thu Ha, Dao Trong Duc, Ky Dieu Linh, Bui Thi Thuy Linh, Nguyen Nam Trung.....	887
SOUTH KOREA’S EXPERIENCES ON PROPERTY REGISTRATION LAW - LESSONS FOR VIETNAM .....	896
Vu Anh Sao, Pham Huynh Bao Oanh.....	896
THE RISE OF REMOTE WORK: LEGAL CHALLENGES AND IMPLICATIONS FOR EMPLOYMENT LAW IN VIETNAM .....	903
Nguyen Thi Xuan Mai <sup>1</sup> , Nguyen Thi Ngoc Loan <sup>2</sup> .....	903
CHALLENGES AND RECOMMENDATIONS FOR THE LEGAL FRAMEWORK IN THE EMERGING AGE OF ARTIFICIAL INTELLIGENCE.....	910
Nguyen Thi Thu Trang .....	910
THE IMPACTS OF GLOBAL MINIMUM TAX ON FOREIGN DIRECT INVESTMENT (FDI) CORPORATIONS IN VIETNAM.....	921
Trần Ngọc Thanh <sup>1</sup> .....	921
CROSS-BORDER E-COMMERCE ACTIVITIES AND TAX MANAGEMENT ISSUES .....	933
Le Huynh Phuong Chinh, Ngo Thi Khanh Linh, Pham Ngoc Lan Anh.....	933
EXPERIENCE IN KOREA AND CHINA ON TAX MANAGEMENT FOR CROSS-BORDER E-COMMERCE ACTIVITIES .....	941
Duong Anh Son <sup>1</sup> , Tran Vang Phu <sup>2</sup> .....	941
LEGAL PERSPECTIVE ON REGULATIONS RALATED TO PERSONAL INCOME TAX WHEN EARNING INCOME THROUGH E-COMMERCE PLATFORMS IN VIETNAM, TAKING THE CASE OF INDIVIDUALS DOING BUSINESS THROUGH TIKTOK APPLICATION.....	946
Nguyen Duc Tri <sup>1</sup> , Hoang Minh Châu <sup>2</sup> .....	946
THE COMPATIBILITY ON THE SCOPE OF MUTUAL LEGAL ASSISTANCE (MLA) IN CRIMINAL MATTERS AND THE CONDITIONS OF REFUSAL MLA IN CRIMINAL MATTERS BETWEEN VIETNAMESE LAW AND INTERNATIONAL TREATIES WHICH VIETNAM HAS SIGNED. ....	956

Pham Huynh Bao Oanh.....	956
TAX POLICY FOR E-COMMERCE OF COUNTRIES IN THE WORLD AND RECOMMENDATIONS TO VIETNAM.....	967
Nguyen Thanh Minh Chanh, Ha Thi Van Anh, Pham Lam Tam Nhu .....	967
LEGAL REGULATIONS FOR ENTERPRISE OBLIGATIONS TO PROVIDE INFORMATION ON E-COMMERCE PLATFORM .....	974
Truong Kim Phung*, Nguyen Hoang Chuong .....	974
“ROBOT TAX” – RECOMMENDATIONS FOR VIETNAM.....	981
Gian Thi Le Na, Pham Phuong Doanh.....	981
WTO APPELLATE BODY REFORM IN THE CONTEXT OF ESCALATING GEOPOLITICAL TENSIONS.....	988
Nguyen Nam Trung.....	988

IMPACTS OF STATE OWNERSHIP AND BUSINESS CHARACTERISTICS ON TAX AVOIDANCE: EVIDENCE IN VIETNAM.....	128
Huyen Ngoc Nguyen, Thanh Dan Bui .....	128
RUSSIA'S IMPACTS AND SCENES ON BEING BANNED FROM SWIFT .....	143
Lam Dang Xuan Hoa <sup>1</sup> , Phan Ngoc Anh <sup>2</sup> .....	143
THE ROLE OF ACCESS TO FINANCE AND THE ENTREPRENEURIAL INTENTION OF YOUNGERS IN THE SOUTHWESTERN PROVINCE, VIETNAM.....	151
Vu Truc Phuc*, Nguyen Dang Hat, Nguyen An Phu, Dao Le Kieu Oanh .....	151

## BANK RUN AND SILICON VALLEY BANK

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### **Abstract**

*Our research topic is "Bank Run and Silicon Valley Bank" in which we explore the phenomenon of bank runs and the bankruptcy of Silicon Valley Bank (SVB), a leading lender in the US tech industry. This study provides the reasons behind a bank run and demonstrates how it impacts various stakeholders by analyzing the specific case study of SVB. The primary objective of this research is to investigate the reasons for SVB's bankruptcy and the role of the Federal Deposit Insurance Corporation (FDIC) in resolving it. Additionally, we also analyze the impact of the bank run on SVB's stakeholders and the Vietnamese market. Through our research, we found that the Federal Reserve raising the interest rate, the maturity mismatch caused by SVB's investment strategy, and the spread of rumours were the main reasons that caused the bank run. During this event, the FDIC's intervention helped mitigate the impact on stakeholders by assuring the rights of depositors and maintaining their belief in the banking system. Furthermore, the research shows that SVB's bankruptcy could not seriously harm the banking system or cause a "domino effect" on the financial or economic system. Finally, this event seemed to indirectly affect the Vietnamese market when it effects to psychological factors and the reduction of Foreign Direct Investment (FDI).*

**Keywords:** *Bank run; Silicon Valley Bank (SVB); Federal Deposit Insurance Corporation (FDIC); maturity mismatch; Vietnamese market; Liquidity shock.*

### **1. Introduction**

Bank runs are a well-known phenomenon in the financial world, but their effects can be devastating. When depositors lose confidence in a bank and rush to withdraw their funds, it can trigger a domino effect that leads to the bank's insolvency and potentially even a broader economic crisis. Banking's history experienced examples of bank runs, from the Great Depression (1929-1939) to more recent events like the 2008 financial crisis. This article will explore the concept of bank run and examine a specific case study - the Silicon Valley Bank's bankruptcy.

Our main arguments are about:

- How SVB faced a bank run that resulted from its risky investment and loss of confidence among customers and regulators.
- How this event affected SVB and other stakeholders in terms of financial losses, operational disruptions, and reputational damage.
- Finally, we will analyze how this event affects the Vietnamese market.

Through this analysis, we will gain a deeper understanding of the risks inherent in the banking system, and the measures that can be taken to safeguard it against such crises.

## **2. Literature review**

### **2.1. Bank run**

#### *2.1.1. Definition*

A bank run occurs when a large number of depositors withdraw their money from a bank at the same time, fearing that the bank might fail or collapse. As more people withdrawal, the probability of default increases, which can cause more people to withdraw their deposits. In extreme cases, the bank's reserves may not be sufficient to cover the withdrawals (Hayes, 2023). Eventually, the sudden outflow of funds can deplete the bank's reserves and force it to close its doors.

#### *2.1.2. Reasons for a bank run*

There are many reasons for a bank run, but the two main ones are loss of depositors' confidence and financial contagion. Firstly, a loss of confidence in the bank can be the most significant reason for a bank run. Once a loss of confidence sets in, it can be challenging for a bank to regain the trust of depositors and can quickly snowball into a bank run. This situation can happen due to various reasons: rumors and panic; fraudulent activities; economic downturn; and political instability.

One of the main factors contributing to a bank run is the spread of fear among depositors that their bank might go out of business. This fear can be triggered by rumors, news reports, social media posts, or word-of-mouth. Therefore, the panic makes customers act immediately without verifying the information (ClearIAS, 2023). Another reason is fraudulent activities. A bank is found to have engaged in fraudulent activities, such as hiding bad debts or manipulating financial statements, depositors may lose trust in the bank and worry about the safety of their money. A general economic downturn, such as a recession, can also lead to a loss of confidence in the financial system as a whole. During an economic crisis, a bank that had heavily invested in a particular industry or geographic area, which experiencing financial difficulties may face great losses. In such a situation, people may be afraid of losing their savings, and they may rush to withdraw their deposits from the bank. Last but not least, political instability can lead to a bank run if people are afraid that their savings may be seized by the government or that the country's financial system may collapse.

For example, the case of Lehman Brothers that had invested heavily in real mortgage-backed securities (MBS) by 2008. When the housing market in the United States began to decline, Lehman Brothers' investments in these securities began to lose value, which led to substantial losses and a decline in the firm's overall financial health. Ultimately, Lehman Brothers suffered from a bank run, leading its bankruptcy in 2008.

The second reason for a bank run to happen is financial contagion. A bank run can also spread from one bank to another through a domino effect. If one bank fails or faces liquidity problems, it can affect other banks that are connected through the banking system. This can create a systemic risk for the entire banking sector and cause widespread panic among depositors (WallStreetMojo, n.d).

For instance, when Lehman Brothers declared bankruptcy on September 15, 2008, it caused a domino effect throughout the financial system. Other banks and financial institutions that had financial activities with Lehman Brothers through their investments and trading activities (for example, they had invested money in Lehman Brothers' stocks or bonds) became concerned that they would not be able to get their money back or that they would suffer losses as a result. This concern led to a broader financial crisis, as investors and businesses began to lose confidence in the stability of the financial system as a whole.



## **2.2. Silicon Valley Bank (SVB)**

The latest and dramatic example of a bank run is the case of Silicon Valley Bank, which collapsed and was closed by regulators in March 2023 after losing most of its deposits in a matter of days.

Silicon Valley Bank was founded in 1983 by Bill Biggerstaff, Ken Wilcox, and Rebeca Hwang (Cause IQ, n.d). Initially, the bank was established to provide banking services to the technology industry in Silicon Valley.

Over time, Silicon Valley Bank, known as one of the largest and most influential banks in the technology industry, provided financing and services to thousands of start-ups, entrepreneurs, and investors. Its failure also led to the bankruptcy of its parent company SVB Financial Group (SVBF), which owned other businesses such as an investment manager and a brokerage firm.

## **3. Results and Discussion**

### **3.1. How did Silicon Valley Bank go bankrupt?**

As the tech industry in Silicon Valley prospered in the last five years, SVB also benefited. But most importantly, during the Covid 19, FED lowed the interest rate to nearly 0% to increase the M1 Money Supply (Investopedia, 2023), and technological startups were invested more. Therefore, SVB was flooded with billions of deposits from young companies flush with investors' cash (Armstrong, 2023).

SVB's deposits increased more than four times (The Economist, n.d) (mainly from startups and venture capital firms) from \$44bn at the end of 2017 to \$189bn at the end of 2021 - while its loans only rose from \$23bn to \$66bn in the same period. Since banks earn money on the difference between the interest rate they charge on loans and the rate they receive from depositors, having much more deposits than loans is a challenge.

In 2020, SVB took this short-term deposit to buy MBS (Mortgage Backed Securities) and Long-term Government Bonds. Considering SVB's balance sheet in 2021, we can see that:

- Total Deposits skyrocketed by nearly 85.53% compared to the 2020.
- Non-interest-bearing demand deposits soared by nearly 90% compared to 2020, accounting for 66.52% of total deposits.
- Credit (loans) grew slowly (47.22%) compared to the growth of total deposits (85.53%).
- However, The number of securities held to maturity (HTM) skyrocketed nearly five times compared to 2020 (mainly government bonds).

Therefore, short-term deposits were used to buy long-term securities, which poses many risks because market interest rates may fluctuate over time, causing a deficit in the value of bonds.

SVB FINANCIAL GROUP AND SUBSIDIARIES CONSOLIDATED BALANCE SHEETS		
	December 31,	
(Dollars in millions, except par value and share data)	2021	2020
<b>Assets</b>		
Cash and cash equivalents	\$ 14,619	\$ 17,675
Available-for-sale securities, at fair value (cost of \$27,370 and \$30,245, respectively)	27,221	30,913
Held-to-maturity securities, at amortized cost and net of allowance for credit losses of \$7 and \$0 (fair value of \$97,227 and \$17,217, respectively)	98,195	16,592
Non-marketable and other equity securities	2,543	1,802
Total investment securities	127,959	49,307
Loans, amortized cost	66,276	45,181
Allowance for credit losses: loans	(422)	(448)
Net loans	65,854	44,733
Premises and equipment, net of accumulated depreciation and amortization	270	176
Goodwill	375	143
Other intangible assets, net	160	61
Lease right-of-use assets	313	210
Accrued interest receivable and other assets	1,928	3,206
<b>Total assets</b>	<b>\$ 211,478</b>	<b>\$ 115,511</b>
<b>Liabilities and total equity</b>		
<b>Liabilities:</b>		
Noninterest-bearing demand deposits	\$ 125,851	\$ 66,519
Interest-bearing deposits	63,352	35,463
<b>Total deposits</b>	<b>189,203</b>	<b>101,982</b>

**Figure 1: SVB Financial Group and Subsidiaries Consolidated Balance Sheets**

Source: SVB's 2021 annual report

Before the big market swings, SVB used 92% of its investment in US Treasuries and government-sponsored corporate securities amounting to \$117 billion (including Available-For-Sale (AFS) and Held-To-Maturity (HTM)).



**Figure 2: SVB's investment portfolio in 2021**

Source: Diendandoanhnghiep.vn

Difficulties began to occur for SVB in March 2022 when the Fed (Federal Reserve System) continuously raised interest rates from 0% to 4.75% to prevent inflation from occurring. That has caused SVB's bonds to suffer heavy losses.

Significant increase in interest rates due to Fed's actions and monetary policy has resulted in dramatic losses for SVB on March 31, 2022, a loss of \$2.5 billion in AFS securities, recorded in the "unrealized

holding loss" in the income statement because these securities were not been sold, so it is not recognized as "real loss".

On March 8, 2023, SVB announced the completion of the sale of substantially of its available for-sale (AFS) securities portfolio. A massive withdrawal of deposits was triggered by investors and customers, amounting to \$42 billion in one day.

Contrary to SVB's expectations, this caused panic among venture capital firms and they advised businesses to withdraw money from the bank. SVB has been trying to convince its customers that everything is fine and people should not withdraw money anymore. However, this is useless against a panicking crowd.

After a series of efforts from SVB, until Friday, March 10, 2023, SVB's stock continued to decrease and the bank officially declared bankruptcy. At that time, the FDIC stepped in as a receiver to liquidate the bank's assets to return them to customers, including depositors and creditors.

### ***3.2. The reasons for SVB's bankruptcy***

#### ***3.2.1. FED raised the interest rate***

The Fed raised the interest rates, leading to many negative impacts on SVB, the most negative impact being significant loss from the securities, startups, and venture capital firms seeking funds.

SVB was given so much money, almost \$130 billion in new deposits in 2020 and 2021 that SVB could not lend it all out. They invested much of the money in long-term US government-backed bonds. The bonds have no credit risk, and because SVB's deposits cost almost nothing, they were profitable, too.

But this balance structure could only work while rates remained low. As the Federal Reserve raised the market yield on the US. Treasury Securities increased from 0 to approximately 4.75% to control inflation, deposits became more expensive. In 2022, SVB's deposit costs rose from 0.14% to 2.33%.

However, it still lost its competitiveness, as the yields on its long government bonds did not change, causing a significant loss in the balance sheet. We can understand that the market interest rate increase, the value of bonds decrease, and vice versa.

Consider the Comprehensive Income Statements of SVB Financial Group in 2022, \$2.5 billion of securities losses was recorded in "unrealized holding losses" in the income statement (because on December 31st, 2022, these securities were not sold yet, they could not be recorded as "real loss"). The loss of \$ 2.5 billion from securities makes SVB's Comprehensive Income (IC) from a profit of \$ 1.201 billion in 2021 to a loss of \$ 230 million in 2022.

SVB FINANCIAL GROUP AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME			
(Dollars in millions)	Year ended December 31,		
	2022	2021	2020
<b>Net income before noncontrolling interests</b>	\$ 1,609	\$ 2,073	\$ 1,294
Other comprehensive income (loss), net of tax:			
Change in foreign currency cumulative translation gains and losses:			
Foreign currency translation gains (losses), net of hedges	(54)	(2)	16
Related tax benefit (expense)	15	—	(5)
Change in unrealized gains and losses on AFS securities:			
Unrealized holding gains (losses)	(2,503)	(644)	606
Related tax benefit (expense)	686	179	(168)
Reclassification adjustment for (gains) losses included in net income	(21)	(31)	(61)
Related tax expense (benefit)	6	9	17
Cumulative-effect adjustment for unrealized losses on securities transferred from AFS to HTM	—	(132)	—
Related tax benefit	—	37	—
Amortization of unrealized holding (gains) losses on securities transferred from AFS to HTM	13	(1)	2
Related tax expense (benefit)	(4)	—	(1)
Change in unrealized gains and losses on cash flow hedges:			
Unrealized gains (losses)	—	—	232
Related tax (expense) benefit	—	—	(64)
Reclassification adjustment for gains included in net income	(56)	(63)	(50)
Related tax expense	16	17	14
Other comprehensive income (loss), net of tax	(1,902)	(632)	538
<b>Comprehensive income (loss)</b>	(293)	1,441	1,832
Comprehensive (income) loss attributable to noncontrolling interests	63	(240)	(86)
<b>Comprehensive income (loss) attributable to SVBFG</b>	<b>\$ (230)</b>	<b>\$ 1,201</b>	<b>\$ 1,746</b>

**Figure 3: SVB Financial Group and Subsidiaries Consolidated Statements of Comprehensive Income**

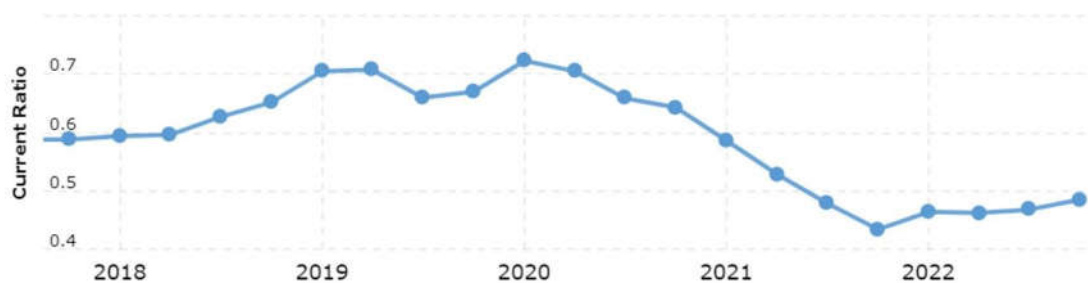
Source: SIVB's 2022 annual report

The second negative impact after the Fed raises interest rates is Startups and venture capital companies looking for funds. Due to the virtually 0% interest rate during the COVID-19 epidemic, more money was invested in technological businesses. As a result, SVB received billions of deposits from businesses flush with capital from investors. Unfortunately, these companies found it difficult to raise money once the FED raised the interest rate (the interest rate and the amount of money spent for investment have a negative correlation), so they started taking money out of the bank.

With the same results, when the Venture capital's investment activities plummeted by 68% in 2022, they also struggled to raise funds. These clients need to withdraw their deposits to cover their operations. With a series of adverse impacts from many sides, SVB could not manage capital and faced an increasingly serious withdrawal crisis.

### 3.2.2. Maturity Mismatch: failed to control the liquidity risk

It is easy to see that SVB's deposits are mainly growing thanks to non-interest-bearing demand deposits (up to 66.52% of total deposits). However, they invested in long-term securities, generating the Maturity Mismatch and the bank failed to balance the short-term liquidity.



**Figure 4: SVB Financial Group Current Ratio 2018-2022**

Source: macrotrends.net

The current ratio of SVB Financial Group (SIVB) for 2021 was 0.431, and for 2022 was 0.491 (macrotrends, n.d). Both years have current these ratios lower than 1, meaning current assets were lower than current liabilities and the bank could deal with difficulties in paying short-term debts.

The industry average current ratio for banks in the United States was 0.77 in 2021 and 0.79 in 2022 (Silicon Valley Bank, n.d). That means that SVB Financial Group had a lower current ratio than the industry average in both years, which may imply a lower liquidity and a higher risk of default compared to its peers.

A recent report surprisingly showed that the bank had been operating without a Chief Risk Officer (CRO) for eight months between April 2022 and January 2023 (Fortune, 2023). The former CRO, Laura Izurieta, stepped down in April 2022 and left the company in October 2022. The new CRO, Kim Olson, was appointed in January 2023 (Fortune, 2023). Without a CRO, the bank may struggle to identify, assess, and manage its risks effectively, leading to potential losses and in this case, cannot react promptly to market volatility.

### 3.2.3. *The panicked crowd - Risk of Rumours*

Although the bank planned to solve the problem by raising new equity from the venture capital firm General Atlantic, selling \$2.25 billion in convertible stock and also selling some long-term bonds and reinvesting at shorter maturities with higher yields, investors and depositors did not wait to see if the plan would work (Franklin & Gara, 2023). Depositors were notified to withdraw money from SVB by panicked crowds because the bank had to sell their assets for debt payments.

Meanwhile, key venture capital firms constantly advised their companies to withdraw their money from the bank. Therefore, the situation became even worse. SVB's shares and bonds depreciated while depositors rushed to pull their money to the amount of \$42 billion in just 24 hours, forcing the Federal Deposit Insurance Corporation (FDIC) to step in.

### 3.2.4. *The role of Federal Deposit Insurance Corporation (FDIC)*

The Federal Deposit Insurance Corporation (FDIC) is an independent agency of the US government that protects depositors of insured banks against losses in case of bank failures. FDIC aims maintaining stability and public confidence in the national financial system. They notify on their website that: "No depositor has ever lost a penny of insured deposits since the FDIC was created in 1933" (FDIC, 2014).

The FDIC played a crucial role in resolving the bankruptcy of SVB after a massive run on deposits triggered by rumors of its financial troubles.

To protect insured depositors, the FDIC created the Deposit Insurance National Bank of Santa Clara (DINB) - a "bridge bank". At the time of closing SVB, the FDIC as receiver immediately transferred to the DINB all insured deposits of Silicon Valley Bank.

The FDIC guaranteed all insured depositors having full access to their insured deposits (up to \$250,000 per account) no later than March 13, 2023, ensuring that customers could access their money without disruption.

Uninsured depositors would be paid an advance dividend within the next week, and receive a receivership certificate for the remaining amount of their uninsured funds. When the FDIC finishes selling the assets of Silicon Valley Bank, future dividend payments may be made to uninsured depositors. On the other hand, shareholders and some unsecured debt holders of SVB are not protected.

In this case, we can see that FIDC wholly supports and protects the depositors. It aims preventing a wider contagion or the domino effect in the banking system and restoring confidence among depositors and

investors. The FDIC's intervention also maintains the belief of the citizens in the bank system and avoids the depreciation of stocks in the banking industry (FDIC, 2023).

### 3.2.5. *The impact of the bank run on stakeholders.*

The first impact of the bank runs on stakeholders, specifically the banking system, raised the question of whether the bankruptcy of SVB could create a domino effect on the US banking system. The main answer depends on several factors, such as how quickly and smoothly the FDIC can sell off SVB's assets, how much confidence investors have in the financial health and resilience of other banks, how effectively regulators can monitor and prevent systemic risks and how well policymakers can support economic recovery amid the ongoing pandemic.

While some experts believe that SVB's failure is an isolated case that does not pose a systemic threat, others warn that it could be a sign of deeper problems in the banking sector that require urgent attention. In this case, our group think that the banking system could be affected, but not seriously, because:

**The medium size business:** The size of SVB (total assets of \$212 billion - Much lower than the total assets of about \$639 billion of Lehman Brothers in 2008) is considered not large enough, just medium size. Talking about SVB, the bank Moody's chief economist Mark Zandi said. "The banks that are now in trouble are much too small to be a meaningful threat to the broader system."

**The small scope:** SVB focuses on Silicon Valley tech startups. In spite of being among the top 20 American commercial banks, SVB is said to be relatively unknown outside of Silicon Valley. SVB was also not listed in the group of Global Systemically Important Banks (GSIB-s), which is a group of 30 banks that would affect the global financial system if one of them had problems.

**Protection from FIDC:** as mentioned above, FIDC is prioritizing the depositors' rights to maintain their beliefs and prevent the "Domino effect".

**SVB had high-quality and liquid assets:** SVB has total assets of \$212 billion, of which profitable assets account for 97% of total assets. The two largest assets group are debt securities and loans, accounting for 55% and 35% of assets, respectively.



**Figure 5: SVB's assets structure**

Source: Diendandoanhnghiep.vn

Federal Reserve officials announced another 25 basis point (bps) increase in interest rates on March 22, 2023, shaking off concerns about the financial system's stability after the collapse of two regional banks (Guida, 2023).

However, the collapse of SVB has sent shockwaves through the US banking sector, proving that there's still a loophole in the banking system, especially among regional banks that have similar business models or investment strategies. Silicon Valley Bank may not be the only US struggling bank, because of the trend of US banks to invest in bonds. This situation is caused by not separating commercial banks and investment banks. Some of these banks have seen their share prices plummet as investors fear they could face similar problems. Overall, banks that operate well would not be affected much by the bankruptcy of SVB, and banks that operate similarly to SVB could face similar issues.

Without a doubt, parent companies of failed banks file for bankruptcy. The closure of Silicon Valley Bank left SVB Financial Group - the parent company of Silicon Valley Bank and a few assets and liabilities that exceeded its equity. On March 17, 2023, SVB Financial Group filed for bankruptcy protection in New York, seeking a court-supervised reorganization to help find buyers for its remaining businesses. Silicon Valley Bank, which now operates as Silicon Valley Bridge Bank, is not included in the bankruptcy filings and will continue to be controlled by the government (FDIC) (Lane, 2023).

Looking at the impact of the bank runs on depositors of SVB. As mentioned above, FDIC will give the insured depositors the amount of up to \$250,000/account no later than March 13, 2023, ensuring that customers could access their money without disruption. With the uninsured depositors (more than \$250,000 in their account), the payment might be done after FDIC finishes selling the assets of Silicon Valley Bank. However, FDIC is looking for another bank to assume the deposits and assets of Silicon Valley Bank, so it may take more time.

For creditors of SVB, as mentioned above, they are not protected by FDIC and having to file claims with the bankruptcy court and wait for a distribution plan that will determine how much they will recover from the liquidation of SVB's assets.

As for shareholders of SVB, they are also not protected by the FDIC, therefore they will likely lose most or all of their investment value. Furthermore, the FDIC also incur losses as it tries to reimburse insured depositors and find a buyer for the bank. The FDIC estimates that the cost of resolving Silicon Valley Bank could be up to \$2 billion.

The employees of SVB may also face uncertainty and hardship as they deal with potential layoffs, reduced benefits and changes in management as the company tries to cut costs and sell its businesses.

The innovation ecosystem may suffer from reduced access to capital and networks. The tech industry may lose a significant source of funding and expertise as SVB was one of the most prominent lenders in this sector.

### ***3.3. Relating to the Vietnamese market***

#### **The short-term impact will not be too great and the psychological factors of investors**

According to Michael Kokalari, chief economist at investment fund VinaCapital, the SVB collapse by itself will end up being neutral for Vietnam's stock market and economy. He argued that the dynamics that negatively impacted Vietnam Government bonds (VGBs) and certain other regional US banks could not significantly affect the profitability or solvency of banks in Vietnam. That is because Vietnamese banks had much lower exposure to government bonds than SVB. VGBs holdings only accounted for around 6% of listed banks' total assets, and "held-to-maturity" (HTM) securities for less than 2%. That was much lower than the 5-10% levels typical for US regional banks, and far below the 45% for SVB. Moreover, depositors in Vietnam were not encouraged to withdraw their money from banks in times of crisis because

the government was not likely to let the bank go bankrupt and always ensured that depositors were compensated during past banking crises.

Dr. Nguyen Tri Hieu and Economist Le Dang Doanh also affirmed that the closure of SVB will not affect internationally. It will not cause a chain reaction in Vietnam's financial and banking system, does not affect exchange rate adjustment, and the real estate market, but it only affects the psychology. The collapse of SVB could cause panic and pessimism among investors in global financial markets, leading to a decline in stock and bond prices. That can indirectly affect Vietnamese investment funds and startups, making it more difficult to disburse and raise capital.

### **FED raises interest rates by 0.25%**

According to BVSC, the impact of SVB's case on Vietnam is indirect, mainly through the Fed's decision to raise interest rates.

Specifically, the FED raised interest rates for the 9th time by 0.25%, choosing to solve the inflation problem over the banking crisis. An interest rate increase of 0.25% can also help US stocks recover, becoming supportive information for the market.



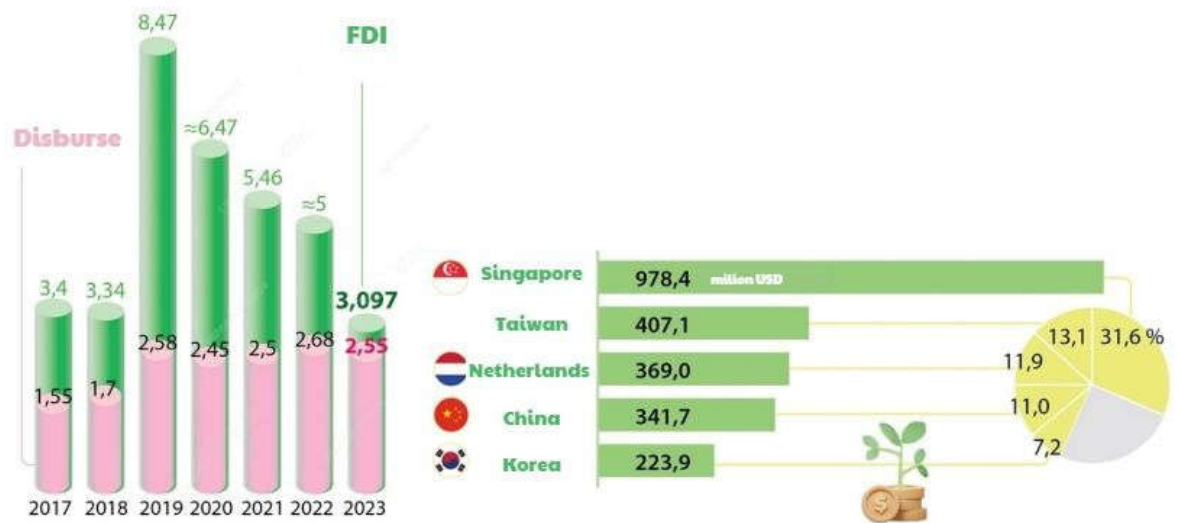
**Figure 6: Interest Rates of FED since 2017**

*Source: Bloomberg*

However, it could lead to a reduction in Vietnam's FDI. In the first two months of 2023, the total foreign capital (including new registration, adjustment, capital contribution to purchase shares, and purchase of contributed capital) into Vietnam reached nearly \$3.1 billion, down 38% over the same period last year. That can be explained by the prolonged difficult economic situation in the US, Europe, and the world, high-interest rates while demand is weak, investors continue to cautiously pour money (investors will have the intention to minimize risk and wait to see if there is a better investment option, or want to maintain cash to defend their business rather than expand investment). That will reduce the need for expansion investments.



After the US and Europe, the difficult situation is likely to spread to some economies such as Korea and Japan. The reason is that some financial institutions and export activities in these Asian countries are closely tied to the US and Europe. Therefore, it could be a reduction in Vietnam's total FDI, as Asian countries have been “the leading money pumpers” in Vietnam in recent years.



**Figure 7: FDI into Vietnam in January and February over the years.**

Source: [infographics.vn](http://infographics.vn)

#### 4. Conclusions

Overall, this article has discussed the phenomenon of a bank run and the bankruptcy of Silicon Valley Bank (SVB), one of the largest lenders to the technology sector in US. We have explained what a bank run is, what causes it, and how SVB faced a bank run that resulted from its risky investment strategy and its loss of confidence among customers. We have also examined how this event affected SVIB and other stakeholders. The event shows the vulnerability of banks to liquidity shocks and the importance of maintaining trust and transparency in banking operations. Finally, we have analyzed how this event affects the Vietnamese market terms of psychology affected and FDI reduction.

Although the impact of such events is hard to be far-reaching and has long-lasting effects on the economy, the bankruptcy of SVB serves as a reminder of the importance of prudent risk management and the need for effective regulatory oversight in the banking sector. With the current interest rate, it can be confirmed that the world economy cannot sustain it for a long time. Besides, people's confidence in the banking system is being eroded, as banks are constantly facing liquidity risks with little warning. Investor confidence has also been shaken, as many asset classes have become riskier than the general market expected. That leads to a more bleak picture of the world economy's recovery prospects in 2023.

Therefore, we have proposed some recommendations for policymakers, regulators, and bankers who should learn from this event and take appropriate actions to mitigate the negative impacts and seize the positive opportunities. Bankers should diversify their portfolios and improve their risk management practices. It is necessary to prepare measures to prevent interest rate risks such as Interest Rate Swap Contracts, Forward Rate Agreements – FRA or Interest Rate Option contracts. Besides, policymakers and market participants need to work together to ensure the stability and resilience of financial institutions.

Bank management agencies should have a warning about the issue of capital concentration of the banks; as well as it is necessary to have an early warning system from the Fed so that banks like SVB could spread risks by adjusting their portfolio.

Finally, we hope that article has given you a better understanding of bank runs and the bankruptcy of SVB, and enhanced your awareness of the risks inherent in the banking system. It's very important to know how the government settles deposits when a bank run happens and avoid being panicked as it only makes the situation become even worse.

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