Af Martin Alexander Thomsen den 12. November 2024

Passport National bank

This is a documentation in how to build a Nationanbank based on emails. If Danske Skoleelever takes this role as the bank of Denmark they must also implement:

Hire the people:

https://drive.google.com/file/d/1jbTwpZNeTvvd-SeMqkU8iHfIkjGGpJDS/view?usp=drive_link

Tax the people:

https://drive.google.com/file/d/1q3ZIFeypphzBmK6dmUGTwmsBCkimX4CS/view?usp=drive_link

Pay the bills:

https://drive.google.com/file/d/1q3ZIFeypphzBmK6dmUGTwmsBCkimX4CS/view?usp=drive_link

If they dont like the laws above they can override them.

Math

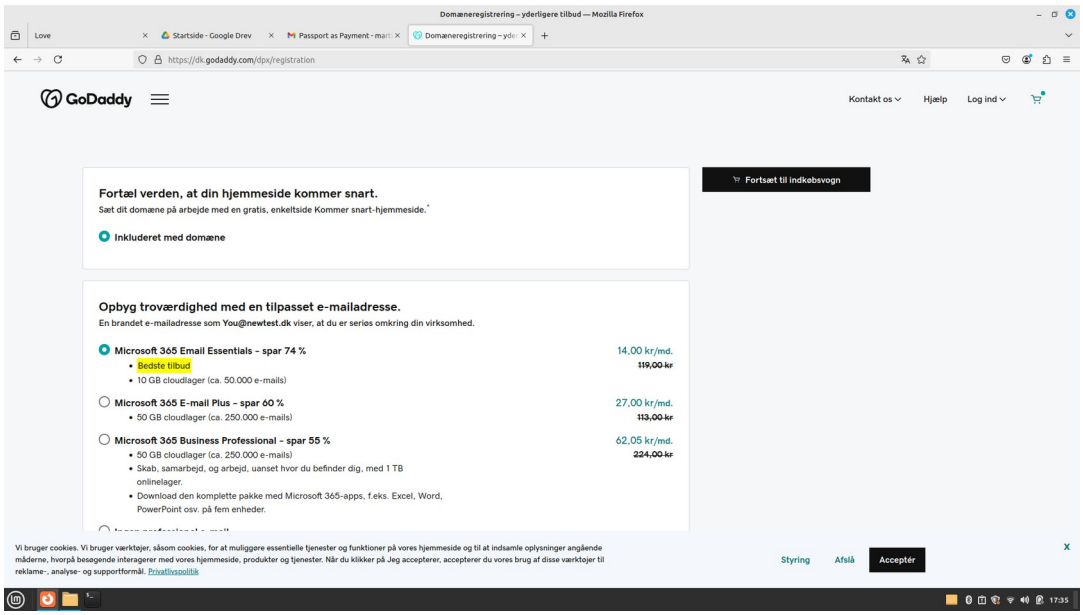
(Google + Microsoft + Godaddy) + (Danske Skoleelever + (Danske banker – Nationalbanken) + Grønland + Kongen og Kronprinsessen af Danmark (mig og Tiffany)) = **Sydamerikans musik**

Products to sell

For this to be an option Danske Skoleelever must have something importent to sell. My suggestion is **Coal** from USA and **food** from Southamerica.

Domain

Each user that want to take a money payment with a passport creates an Microsoft365 email with godaddy. Once created they can send a request to the link@skoleelever.com email with a passport number. If you have a mobile phone you can install **outlook**.



https://godaddy.com

Currency as an Account at Danske Skoleelever

Danske Skoleelever can hire som people that will update the domain/passport accounts and the ”pasport 2 domainname lookup”. These accounts are the new **currency** of Denmark.

Distributed Workplace (KIS solution)

If the transaction contains a passportnumber the request must be sent to the person administrating the lookup. From there an email is sent to the two each of the domain account managers administrating the accounts. If the same person is administration both accounts only one email is sent. The emails must contain a unique **transactionId** that binds everything together (even thow on record is updated by one person and another record is updated by another person).

Nationalbanking System

To option:

1) Danske Skoleelver must use **paper** for each account. And save the email onto a USB or harddrive. And manually send emails (KIS solution with access to Indians from South America).
2) Or Danske Skoleelever must create a piece of open source software in **Ansi C** (https://www.w3schools.com/c/index.php and https://www.gnu.org/. Do not use Ansi C++. Only hire protostants without dobble citizenship. Or members of my facebook page: https://www.facebook.com/groups/1313708039806681

If the passport expire

Ignore it. It does not matter. Its just a stupid number. What matters is if the picture do not look like the real person. And in the case that no passport is avaiable or not allowed to be used over email Danske Skoleelever can create a new ID card.

https://maikenwinterberg.com

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Protocol

There can be many passport accounts attached to a domain account. But only one domain attached to a passport. In theory you can attach helthcare card, driver licence, photos and other id cards. A domain account is optional. But it gives you the ability of: history, balance, fraud, takemoney, givemoney. Its is recomended that all passport accounts has a domain account. Its increses the security. If you have no domain link to your passport you risk that your passport is being linked to a domain that you do not control. Takemoney is for when you only have passport while givemoney requires a mobile phone or computer. You should only use the takemoney action if the person only have a passport available without a mobile phone. Givemoney is recommended to use when possible. The clock must be set for UTC-4 (**AST**).

config@skoleelever.com

Title: reason

Body: maxNegativeValue=amount;hasmoneywait=25;disabletakemoney=false

admin@skoleelever.com can send config email.

takemoney@skoleelever.com

Title: amount

Body line 1: passportnumber/domainname (money is taken from this account)

Body line 2: Nationalbank as domainname (optional – in case of multible Nationalbanks)

Example of Body line 2: **skoleelever.com**

Body line 3: optional text

Attachment1: Photo of passport (of the person of whom we take money) with time and date

Attachment2: Photo of person holding the passport (of the person of whom we take money)

Attachment3: Picture of receipt (optional)

If you pay with a passport – the photos can be checked manually. The email must be sent from the domain of the one that takes the money. If there is a link between the passport number and a domain you take from the domain account if sufficient funds. Otherwise, you take from the passport account. Its **ok**(look at config) for the person of whom we take to have x amount of negative value.

givemoney@skoleelever.com

Title: amount

Body line 1: passportnumber/domainname (money is giving to this account)

Body line 2: Nationalbank as domainname (optional – in case of multible Nationalbanks)

Example of Body line 2: **skoleelever.com**

Body line 3: optional text

Attachment1: Picture of order (optional)

Body: comma seperated list of passport numbers or domains (must contain links to a passport)

If you pay with an email. The email must be sent from the domain of the one that gives the money. Its **not** ok for the giver to have negative value. If the Nationalbank is valid and is pointing on a different Nationalbank the printmoney action for that nationalbank is used.

fraud@skolelever.com

Title: transactionId

The domain that made the transaction are being listed and the payment is reversed in the account system. You send an email to fraud@skoleelever.com from the domain that have been virolated.

printmoney@skoleelever.com

Title: domainname or passportnumber

body line 1: amount

body line 2: reason

An email is sent from moneyprinterperson@skoleelever.com to printmoeny@skoleelever.com. An account called **moneyprint** together with the account that gets the money is updated. Each record in the **moneyprint** account must contain the domainname of the sender, date, time and reason.

balance@skoleelever.com

Domain accounts can be checked by sending an email to balance@skoleelever.com from the domain that you want to check. Shows also all passport account attached.

history@skoleelever.com

Domain accounts can be checked by sending an email to history@skoleelever.com from the domain that you want to list. Each line must contain: date, time, transactionId, domain of transaction, amount, sum. Shows also all passport account attached.

link@skoleelever.com and unlink@skoleelever.com

Title: passportnumber

Attachment1: Photo of passport with time and date

Attachment2: Photo of person holding the passport

You can make a link between a domain account and a passport account if the passport account is not linked else where. unlink@skoleelever.com works reverse but with no attachments (the email must be sent from the domain email of wich to link/unlink).

islinked@skoleelever.dk

Title: passportnumber

Body line 1: domainname

Body line 2: returnemail

This call is made for the digitalsignature. It will email back with the passportnumbe in the title with

return body:

passport=x

domainname=y

islinked=true/false

invalidpassportlink@skoleelever.com

Title: passport number

Attachment1: Photo of passport with time and date and saying unlink me

Attachment2: Photo of person holding the passport with a note saing unlink me with a time and date

If the passport has been linked to a domain that you cannot control you unlink. This must be a manual task.

hasmoney@skoleelever.com

Title: passportnumber or domainname

Body: amount

Returns an true or false email. Only one check for each passportnumber is allowed each x minutes.

Design example

Don't use a DB. A DB is slower than files. Instead use a file for each account. Let the first part of the passport/domainname decide what email to call internally (you can have many services in different warehouses that call each other through email). You need a special deal with godaddy (you need access to the MX param).

Keep it simple. Communication between layers through email. You can also use sockets if you cannot get access to MX from godaddy.com. But in that case make the call **abstract** so you can switch **communication protocol**.

Start with one Nationalbank

1) request to load balancer. It creates a **transactionId** and call random account manager
2) The account manager calls the account service(s) (1 or 2) by looking at the passport number or domain name.

3) each account service update a file account (domain or passport) and call a collect service by using transactionId
4) the collect service collects 1 or 2 request(s) and returns a message to the sender. In case of errors. make it simple by writing to an errorfile in the beginning and handle it manually by sending emails to the account service to undo the accounting.

More than one Nationalbank

Then each Nationalbank are allowed to print money into each others Nationalbank. If the USA Nationalbank prints x amount money into the Southamerican nationalbank then Southamerica can do the same to USA (exchange rates are agreed between each Nationalbank). To move resources from on Nationalbank to another the money print is returned with extra power. Deals between Nationalbanks can be made as per to per with each other. Or a deals that covers many/all National banks can be established. This interface does not cover dealservices (Swift can make a dealservice if they wish) that print money into each others Nationalbank. You can if you have a per to per agreement print directly (without a dealservice) into each others Nationalbank.

Fight Inflasion

You print with negative value.

New digital login/signature

login@skoleelever.com

Title: passportnumber/domainname of the one that want to login

Body line 1: replyemail to the service

Body line 2: IP: ipaddress of the one that wants to login

Body line 3: emailaddress of the one that wants to login

In order to login you send an email to login@skoleelever.com with passportnumber and replayemail. Then the login service sends back an email to the replayemail with true or false in the body, the title must contain the passportnumber. The email must be sent from the service that you login to. If the ip is unknown the login service can send an email to the person that wants to login and wait for a replay. The ip is made unknown after 1 week of no usage.

digitalsignature@skoleelever.com

Title: passportnumber/domainname

Body line 1: Replayemail

Body line 2: Expiration date (**mandatory**)

Body line 3: documentId (if no attachment)

Body line 4: I read the document (true, false)

Body line n: passportnumber of witness (optional)

Attachment: pdf document (if no documentId)

In the beginning of the pdf document there must be a mandatory part that include who can join and how to leave the aggrement. This part must be standarised. All deals must have an expiration date. That way if the deal turns bad for one party there is a way out. Expiration date can be a passportnumber (when a person dies or **one** year only). Max expiration time for a deal is 21 years (exception: passportnumber). If you make a deal with a domainname then the owner of the domainname might change and the links to the domain might change. You can leave a domain but you cannot leave a passport (a passports expirationdate do not matter. Exception: its a **one** year only passport). If you sign the document without reading it you send the document to your oldest spouse for signature (if you are married with genetic children). And if you sign the document without reading it on behalf of a country or a company you sendt the document to the next in the hierachy to sign. If the pdf-document changes then new signatures are needed. If the aggrement is about something in construction and deadline is not met the contract requires a new signature. Exception: the contract dictates what should happen in that case of failed deadline.

The attachment is stored in drive.google.com in coorperation with google. And an email is sent back to the replayemail with the passportnumber/domainname in the title and a link to confirm the agreement. If the agreement is confirmed, a link to ”who is part of the deal” is sent together with a link to the document in google drive and a unique documentId. Google must valide the passport by looking at the passport account and the link to the domainname of the request.

An agreement consists of at least two digitalsignatures. Two types of agreements

1. The pdf-document must contain the passportnumbers/domainnames of all parties of the agreement. This agreement is valid when everyone have signed.
2. You can make a pdf-document where you write that everyone are allowed to sign this. This is an offer if only one have signed. Otherwise its an agreement. The offer gets removed when the expiration date is invalid.

Who has signed a deal

whohassigned@skoleelever.com

Title: documentId

Body line 1: Replayemail

This request is sent to Google and Google replies back to the replayemail.