**ERD:**

Pin\ event

Contains

Area

User

Adds

Unit

Part of

Raman output

Manual point

Point by G-scan

**Is a**

Consists

Posses

Contains

G-Scan pro

Library (DB)

Made of

Posses

Material (DB)

מוודא שאין זליגת נתונים של חומרים בין יחידות שלא מדברות ו\ או מדינות להם אין אישור אפ"י

Pin\ event

Is a forbidden combination of

Alert

**DATABASE CHARTS**

1. **Pin\ event**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Pic** | **Raman output** | **GPS location** | **Id number** | **Plate number** | **Time** | **Date** | **User id** | **Sn** |
| File | --- | 746576867584 | 201391986 | 2387537 | 07:45 | 04\12\16 | 201391984 | 01001 |
| File | --- | 857685746351 | 485764536 | 3488674 | 08:32 | 04\12\16 | 201391984 | 01002 |
| File | --- | 958967465756 | 293857364 | 3345213 | 09:51 | 05\12\16 | 201391984 | 01003 |
| File | 0035ace1 | 354656476767 | 765839487 | 9855733 | 10:24 | 06\12\16 | 201391984 | 02001 |
| File | 035hyd23 | 354656476767 | 765839487 | 9855733 | 11:25 | 06\12\16 | 201391984 | 02003 |
| File | 035ace1 | 234523445656 | 584756373 | 2344511 | 11:16 | 06\12\16 | 201391984 | 02002 |

1. **Raman output**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Esp. file** | **Match Percent** | **Material Sn** | **Material name** | **G-scan Sn** | **Output Sn** |
| File.esp | 0.91 | 1 | Acetic acid | 001035 | 035ace1 |
| File.esp | 0.78 | 23 | Hydrogen peroxide | 001035 | 035hyd23 |
| File.esp | 0.63 | 32 | Acetone | 001037 | 037ace32 |
| File.esp | 0.81 | 32 | Acetone | 001037 | 037ace32.2 |
| File.esp | 0.93 | 4 | Ethyl alcohol | 001056 | 056eth4 |

1. **Areas**

|  |  |  |  |
| --- | --- | --- | --- |
| **Event\ pin** | **GPS location** | **Type** | **Area sn** |
| 01001 | 746576867584 | Roadblock | RB001 |
| 01004 | 746576867584 | Roadblock | RB001 |
| 01002 | 987348375643 | Roadblock | RB002 |
| 01003 | 857685746351 | Airport | AP001 |
| 02003 | 345685746337 | Border cross | BC001 |
| 02002 | 958967465756 | Sea port | SP001 |
| 02001 | 968596954634 | Train station | TS001 |

1. **Users**

|  |  |  |  |
| --- | --- | --- | --- |
| **User unit** | **User level** | **User name** | **User id** |
| Isr001 | Super admin | Tal Venezia | 201391984 |
| Isr001 | Super admin | Arye Kogan | 201398475 |
| Isr001 | Super admin | Tomer Achdut | 301487564 |
| Arg001 | Technician | Claudia Arso | 293847523 |
| Arg001 | Operator | Martin Levi | 348734747 |
| Arg001 | Admin | John Tylor | 345455657 |
| Isr002 | Operator | Ohad Cohen | 454656765 |
| Isr002 | Technician | Oren Toledan | 223445456 |

1. **Units**

|  |  |  |  |
| --- | --- | --- | --- |
| **Unit library** | **Country** | **Name** | **Unit sn** |
| full001 | Israel | LDS | Isr001 |
| Na002 | Argentina | Gendarmery | Arg001 |
| na001 | Israel | Customs | Isr002 |

1. **Materials**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sn** | **material name** | **Molecular formula** | **CAS** | **Type** |
| 1 | TETRYL | C7H5N5O8 | 479-45-8 | Explosives |
| 2 | Triethylene glycol dinitrate | C6H12N2O8 | 111-22-8 | Explosives |
| 3 | Trinitro-M-Cresol | C7H5N3O7 | 602-99-3 | Explosives |
| 4 | Trinitromethane | CHN3O6 | 517-25-9 | Explosives |
| 5 | linear nitramines |  | \_201 | Explosives |
| 6 | Nitromethane | СН3NO2 | 75-52-5 | Explosives |
| 7 | Isopropyl Isocyanate | (СH3)2СНNСО | 1795-48-8 | Explosives |
| 8 | 1-(M-(Trifluoromethyl)Phenyl)Piperazine | C11H13F3N2 | 15532-75-9 | Narcotics |
| 9 | 1-Benzylpiperazine | C11H16N2 | 2759-28-6 | Narcotics |
| 10 | 4'-Aminopropiophenone | C9H11N1O1 | 70-69-9 | Narcotics |
| 11 | 4-Fluoroamphetamine |  | 459-02-9 | Narcotics |
| 12 | 4-Methylethcathinone |  | 1225617-18-4 | Narcotics |
| 13 | Acbm(N)-2201 |  | 1400742-13-3 | Narcotics |
| 14 | Akb48-F |  | 1345973-53-6 | Narcotics |
| 15 | ALLOBARBITAL | C10H12N2O3 | 52-43-7 | Narcotics |
| 16 | Amobarbital | C11H18N2O3 | 57-43-2 | Narcotics |
| 17 | Amphetamine |  | 300-62-9 | Narcotics |
| 18 | Anastrozolum |  | 120511-73-1 | Narcotics |
| 19 | BARBITAL | C8H12N2O3 | 57-44-3 | Narcotics |
| 20 | Benzyl Methyl Ketone | C9H10O1 | 103-79-7 | Narcotics |
| 21 | Cocainium Hydrochloride | C17H22Cl1N1O4 | 53-21-4 | Narcotics |
| 22 | Codeine | C18H21N1O3\*H2O1 | 76-57-3 | Narcotics |
| 23 | Diazepam |  | 439-14-5 | Narcotics |
| 24 | Heroin |  | 561-27-3 | Narcotics |
| 25 | Jwh-122 |  | 619294-47-2 | Narcotics |
| 26 | Ketamine |  | 6740-88-1 | Narcotics |
| 27 | Mdma |  | 42542-10-9 | Narcotics |
| 28 | mephobarbital | C13H14N2O3 | 115-38-8 | Narcotics |
| 29 | Methamphetamine |  | 537-46-2 | Narcotics |
| 30 | Methylenedioxy Pyrovalerone |  | 687603-66-3 | Narcotics |
| 31 | Modafinil |  | 68693-11-8 | Narcotics |
| 32 | Morphine |  | 57-27-2 | Narcotics |
| 33 | Noscapine | C22H23NO7 | 128-62-1 | Narcotics |
| 34 | Pemoline | C9H8N2O2 | 2152-34-3 | Narcotics |
| 35 | PHENTERMINE | C10H15N1 | 122-09-8 | Narcotics |
| 36 | secobarbital | C12H18N2O3 | 76-73-3 | Narcotics |
| 37 | Thebaine |  | 115-37-7 | Narcotics |
| 38 | 1,4-Butanediol | C4H10O2 | 110-63-4 | Precursor |
| 39 | 2,5-Dimethoxybenzaldehyde | C9H10O3 | 93-02-7 | Precursor |
| 40 | 2-Phenylethyl Bromide | C8H9Br1 | 103-63-9 | Precursor |
| 41 | 2-Phenylethyl Chloride | C8H9Cl1 | 622-24-2 | Precursor |
| 42 | 3-Phenyl-1-Propene | C9H10 | 300-57-2 | Precursor |
| 43 | Acetic acid | C2H4O2 | 64-19-7 | Precursor |
| 44 | Acetic Anhydride | C4H6O3 | 108-24-7 | Precursor |
| 45 | Anthranilicacid | C7H7N1O2 | 118-92-3 | Precursor |
| 46 | Benzaldehyde | C7H6O1 | 100-52-7 | Precursor |
| 47 | Bromoethane | C2H5Br1 | 74-96-4 | Precursor |
| 48 | Cyclohexylamine | C6H13N1 | 108-91-8 | Precursor |
| 49 | Diphenylacetic acid | C14H12O2 | 117-34-0 | Precursor |
| 50 | Diphenylacetonitrile | C14H11N1 | 86-29-3 | Precursor |
| 51 | Gamma-Butyrolactone | C4H6O2 | 96-48-0 | Precursor |
| 52 | Isosafrole | C10H10O2 | 120-58-1 | Precursor |

1. **Library**

|  |  |
| --- | --- |
| **Material sn** | **Library sn** |
| 1 | full001 |
| 2 | full001 |
| 3 | full001 |
| 4 | full001 |
| 5 | full001 |
| 6 | full001 |
| 7 | full001 |
| 22 | Na001 |
| 23 | Na001 |
| 24 | Na001 |

1. **G-scan**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last update** | **Unit sn** | **Library sn** | **G-scan Sn** |
| 4/5/15 | Isr001 | full001 | 001035 |
| 2/5/15 | Isr001 | full001 | 001033 |
| 14/7/15 | Isr001 | full001 | 001037 |
| 12/3/16 | Arg001 | Na001 | 001054 |
| 22/5/16 | Arg001 | Na001 | 001056 |

1. **Alerts**

|  |  |  |
| --- | --- | --- |
| **Pin 2 Sn** | **Pin 1 Sn** | **Alert Sn** |
| 02003 | 02001 | 1 |

1. **Passwords**

|  |  |
| --- | --- |
| **User password** | **User id** |
| Aa1234 | 201391984 |
| Bb3234 | 34234545 |