# SOFTWARE DESIGN PROCEDURE FLOW CHART
## (Jet Tone Films Ltd)

## Database Structure

- Input format: Mainly varchar, date, time (if applicable), decimal, int, primary id
- Input/Edit (User right), Delete/Report viewing (Administrator)
- Can order data (asc or desc) by every column before or after search)
- Advanced search function that match designated column's specified criteria
- Network - Multiple user login. DB auto backup
- Can print various size of barcode label by generating film code

### Film Data *(detail see form1-4)*
(Film, Video, Project, MTV)
- Can upload various posters (different versions such as HK/USA/Int'l/Europe/..), (thumbnail, zoom in and zoom out to different pixels)
- Can upload various stills
- Record publisher, quantity

### Material *(Form 8)*
- Three simultaneous criteria search engine (by category, item and language), can also search by typing single specified criteria. For each material, add a subtitle (Chinese, S. Chinese, English or other), if applicable.
- Record date and person in charge of import and export material, keep inventory details, can set specified criteria to show out of stock, loan but not return etc.
- Query film data *form 1-4* by material

### Distribution *(Form 5)*
- Can use Film code to generate film title and film data
- Can upload scan PDF contract (Keep/delete invalid, revised, final version)
- Can query film data in *form 1-4* by film title, film code, etc
- Multiple or single film title

Insert *form 5* data into table group by Distribution ID

Insert table group by contract no. and film title (Column added besides *form 5* data include Starring, Director, Genre, Production Year, Owner), for the convenient of query *form 6* *feature films* with above columns)

Distribution form data can be queried and exported as html format (readable by MS Word, Simple Chinese convertible). Excel CSV for DB import and export. Save function for others are also applicable.

Generate sales report by film or a series of film in a selective period. *(see form 7)* Report by Block2 Territories, Co-Producer Territories, Sales Agent Territories

Generate Sales Summary by title, code etc. to show Territory, Distributor, MG/Flat, Amount, Term, Commence/ Expire on *(Edit search month eligible)*, Licensed Rights, and Contract No. (detail see *form 9*)

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**Form1 to 4 Film Data**: Title, Code, Genre, Producer, Producer Company, Address, Phone, Director, Principal Cast, Based on, Writer, Director of Photography, Composer, Editor, Format, Original Shooting Gauge, Release Format, Sound (Check box), Production Period, Start of principal photography, Completion of principal photography, Completion of post-production (Drop down list), Locations, Processing Laboratory, Storage, Titles, ADR, Foley, Music, Final Mixing, TC Transfer Facility, Festivals, Awards (Appropriate max. varchar will be set, also applicable for other forms)

**Form 5 Distribution Content**: Title, Code, Address, Represented by, Tel, Fax, Email, License No., Territory, License Date, Term (Check box, text), Authorized Language(s) (Check box), Rights Licensed And Reserved (Radio button/checkbox, text), Financial Deal Terms (Check box, text), Distribution (radio button, text) , Delivery Record

**Form 6 Feature films Content**: Title, Director, Starring, Genre, Production Year, Owner (Specified period search)

**Form 7 Sales Report**: Period, Title, Territory, Distributor, Advance, Bonus, 1st Payment, 2nd Payment, 3rd Payment, Overages, Received, Outstanding Balance, Net Receipt. Co-Producer / Sales Agent Territories: Territory, Gross Receipt, Expenses, Commission, Minimum Guarantee, Producer's Share, Total Gross Receipt, Total Expenses, Total Commission, Minimum Guarantee, Total Producer's Share, Net Receipt

**Form 8 Material List**: Code, Delivery items, Qty, Delivered to, On Loan, Wastage, Stock, Storage, Costs

**Form 9 Sales Summary**: Title, Code, Territory, Distributor, MG/Flat, Amount, Term, Commence on, Expire on, Licensed Right, Contract No.

Notes: Above flow chart is for reference only. The final system's function depends on user's requirement