# Workers’ Rights Computer – development document

#### Work Notes

## Min Wage definition – it is problematic – 15/4/23

It started with 11 – meaning 11 different periods.

Now it should be 12.

And, in the future, it should be better organized!

## Vacation internal computations – 15/4/23

1. Compute 🡪 Compute Internals
   1. Compute Last Year by Short Rule
   2. Compute Per Period

New common function for both routes: “Reduce Paid Days()”.

## New support for last year vacation: All, Days or None – 15/4/23

Now 3 buttons may be checked (instead of the abolished one)

Should take care for:

1. Manage radio buttons - Done
2. Place all GUI elements in good order
3. Vacation Computations – in all cases – Done
4. Save & Restore - Done
5. Default is “None” - Done
6. Load old cases - Done
7. Block computations when days are missing – Done
8. Report error if number of paid days more than due days! – Done

## New functionality – 13/4/23

1. Allow specifying partial payment for some vacation days
2. Add option to define maternity leave (in vacation dialog)
3. Computations for maternity
   1. First 15 weeks – accumulate seniority for severance and recuperation
   2. No vacation, no holidays, no pension
4. For monthly wage – allow definition of partial employment
   1. The monthly wage is the wage for the part that is worked
5. For partial employment (periods) should influence computation of
   1. Recuperation
   2. Severance

## Add Comment – 25-26/2/23

Add a comment dialog that can be called from the main menu

1. Up to 3 comments
2. Comments should be multi-lined
3. Save comments as part of saved case
4. Checkbox: display comments on load
5. Add indication in main menu that comments exist

New comments feature is working OK – saved and display as defined.

## Loading old saved XML files – 19/2/23

Received old relevant saves from Iris, saved them in:

F:\WorkersRights\Old cases with Prev Years

Compare:

F:\WorkersRights\Old cases with Prev Years\Bibimol\_John\_T9714474

with

F:\WorkersRights\V1.3.2\Bibimol\_John\_T9714474

## Using new “g Holidays Due” to compute due payment – 18/2/23

Main functions:

bool CAllRights::Compute(void)

* bool CAllRights::ComputeInternal()
  + void CRight::Init(void)
  + bool CRight::ComputeEnvelop(void)
    - bool CHolidays::Compute(void)

## Next – 18/2/23

1. Read from main GUI - Done
2. Use new classes for vacations computations
3. Load from old saves
4. Reorganize “On Input Change” in main dialog.

## Fix tab navigation order – 18/2/23

Use VS 2019 option <Format><Tab Order>

## Change main WRC dialog to work with new g Holidays Due – 17/2/23

Holidays’ relevant GUI fields:

1. IDC\_STATIC\_HOLIDAY\_LAST
2. IDC\_EDIT\_HOLIDAYS\_LASTY\_WORK
3. IDC\_STATIC\_HL\_PAID
4. IDC\_EDIT\_HOLIDAYS\_LASTY\_PAID
5. IDC\_STATIC\_HL\_FROM
6. IDC\_EDIT\_HOLIDAYS\_LASTY\_FROM
7. IDC\_STATIC\_HL\_DUE
8. IDC\_EDIT\_HOLIDAYS\_LASTY\_DUE
9. IDC\_STATIC\_HOLIDAY\_PREVS
10. IDC\_BUTTON\_PREV\_YEARS\_HOLIDAYS
11. IDC\_CHECK\_LIVE\_IN

#### Try to use same IDS for edit controls as in prev years dialog

1. IDC\_EDIT\_HOLIDAYS\_PREVY\_WORK
2. IDC\_EDIT\_HOLIDAYS\_PREVY\_PAID
3. IDC\_EDIT\_HOLIDAYS\_PREVY\_FROM
4. IDC\_EDIT\_HOLIDAYS\_PREVY\_DUE

## Adjust Prev Years GUI to Work Period – 16-17/2/23

It seems to be working.

Next: save work period that was relevant for the holidays’ definition –

If work period changed – remove definition for previous years.

Allow definition of holidays only after work period is defined, and holidays were selected.

Also – better handling of “relevant” and “irrelevant” previous years.

New design for verifying work period in “holidays Due” is more or less working.

## Next for previous years’ holidays – 12/2/23

1. Add dates for each year
2. Load from old saved XML files
3. Prevent loading new saves to old SW???
4. Changes in main GUI
5. Use new prev years holidays for final computations
6. Disable/remove old years beyond real work period

## Add Dialog for pervious years holidays – 11-12/2/23

Payment for worked holidays is according to the salary at the time

It is computed as “(a day’s salary + 1 hour) \* 1.5”

The previous years holidays dialog is working with due, sums, save and restore.

## Filling content in “On Open Dialog” – 22/1/23

1. Init from Config
2. Update config from GUI
3. Save config to state XML

## Problem with “Attempted unsupported operation” – 21/1/23

In “OnInitDialog”

It disappeared only when I did reverse the new WorkersRightsComputer.rc

Try diff as text:

By binary search on files – the problem was with the \*.rc file.

By binary search on its content, it was the removal of an edit field.

Most likely – the related class was not removed. Do it!

## Close 2022 branch, merge and open 2023 branch – 21/1/23

Open new branch “yoav\_2023”.

Set new version to “v1.3.0.beta1”.

## Meeting with Eyal and Iris – 20/1/2023

Urgent

Change letter – so that not all letters will be with Iris’s details – high priority- Done

Allow users to select details of contact letter- Done

On starting, check that save directory exists – if not force user to config. - Done

New holidays files – 2023 - Done

Remove “pay for each holiday” from main dialog - Done

In work period dialog:

Selecting working days: no more than 6!

<Work Period and Wage> - Done

### Start of operation – special screen:

1. Operator name
2. Save directory
3. Contact details – Hebrew & English

Allow entering operators name in Hebrew, English or both.

## BUG: In “edit work period” dialog

If selecting monthly or hourly periods

Currently by default undefined periods are using minimum wage.

Should show a warning if not all work period is defined,

Only on special checkbox, allow filling missing periods with minimum wage.

## Allow selection number of holidays for each year

On main dialog – maybe open new dialog…

## More Corrections, Features & Options

Allow user to open the saved letter – or the directory – preferably from the message box that announce that the file was saved (or button, or letter).

Allow selection of directory to save letters – from “Config” Menu.

Allow entry of connection details from Config menu.

Maybe define connection details per specific user.

Reset – do not reset operator name.

Optional: On opening, verify operator name.

On selection of a holiday file – make sure the file is updated to required year (end of employment).

Default values – “Passport”?

Check if ID number is valid?

Non-numeric fields should not default to “zero”.

Reset values should be just the same as new activation of the APP.

If the SW refuses to save – should tell exactly why!

Maybe – help online… maybe “tool tips”.

Use “invisible” and “grayed out” modes for some fields...

For example – holiday selection before definition of details.

Frames for special fields

Check different options for entering dates.

#### Days of week

Add radio button – Five, Six or Less – before selecting specific days

#### Work Period Dialog

Default dates are not recommended – try to avoid them.

End of work notice can’t be after last day of work

When last day of work is updated – reset the day of notice.

Last day of work should always be after first day!

For the radio button that starts with “minimum wage” –

Change to 2 level radio, remove “Set wage for whole period” button.

#### Comments

Add dialog to insert comments.

If comments are defined – make them appear on opening saved file!

#### More languages

Allow producing letters in Russian.